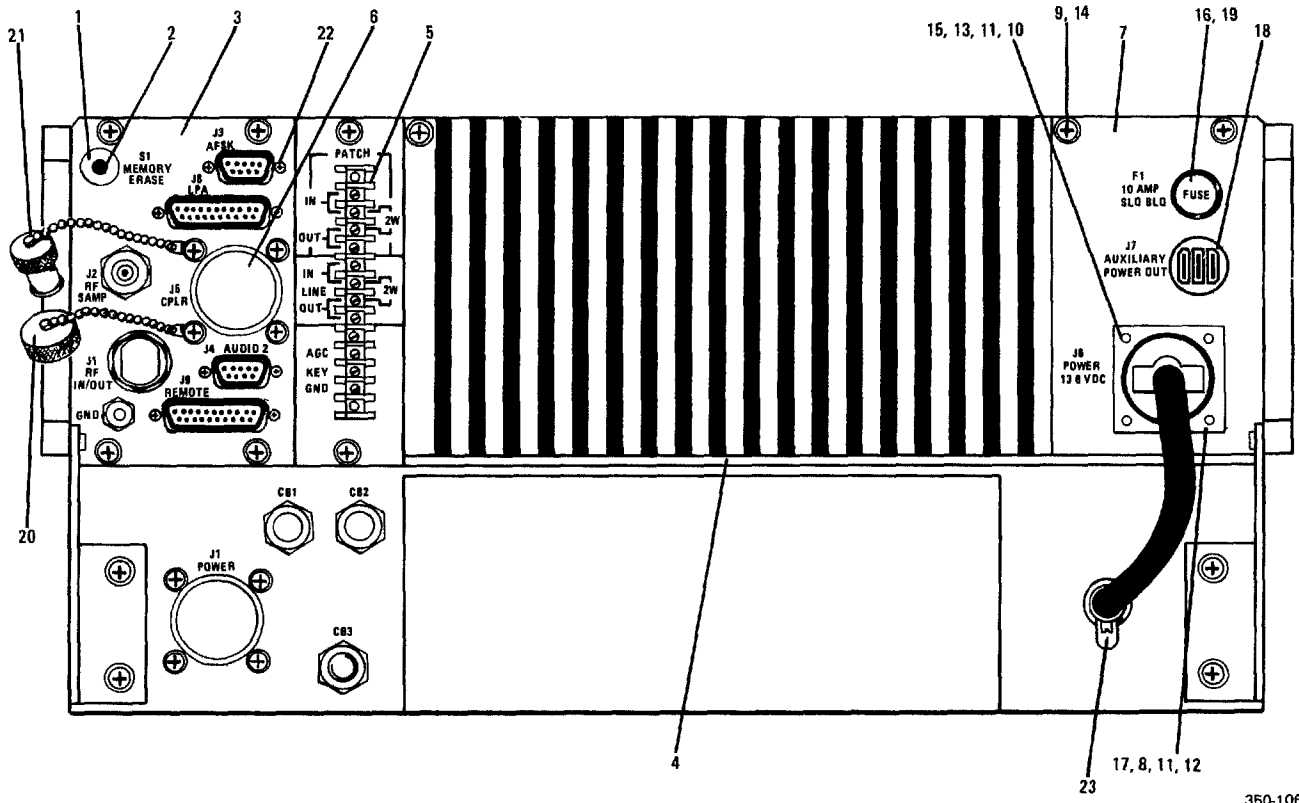


Figure & Index Number	Part Number	FSCM	Description 1 2 3 4 5 6 7	Units	Usable	SMR Code
				Per Assy	On Code	
7-5 - 1	10085-5157	14304	BRACKET, HINGE	2		XB
- 2	10085-0527	14304	BRACKET, PANEL	1		XB
- 3	10085-5300	14304	CIRCUIT CARD ASSY, A1A2	1		PAODD
- 4	10085-8010	14304	100W PA, 12V, ASSY, A1A4	1		PAODD
- 5	10085-4000	14304	CIRCUIT CARD ASSY, A1A5	1		PAOLD
- 6	10085-0610	14304	OSCILATOR ASSY, RF, A1A8	1		PAOZZ
- 7	10085-7000	14304	CIRCUIT CARD ASSY, A1A13	1		PAODD
- 8	10085-1240	14304	MULTIVOLT SPLY ASSY, A1A14	1		PAODD
- 9	10085-4210	14304	CIRCUIT CARD ASSY, A1A15	1		PADLD
- 10	10085-5106	14304	COVER	1		XB
- 11	10085-0510	14304	BRACKET	1		XB
- 12	3484-1000	30142	CLIP SPRING TENSION	2		PADZZ



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Figure 7-6. 100 Watt Transceiver, RT-1446/URC, Rear View

Figure & Index Number	Part Number	FSCM	Description							Units Per Assy	Usable On Code	SMR Code
			1	2	3	4	5	6	7			
7-6 - 1	G-12-A	95146	COVER, SWITCH							1		PAOZZ
- 2	3101-1261	28482	SWITCH PUSH							1		PAOZZ
- 3	10085-0525	14304	PLATE CONN							1		XB
- 4	10085-0526	14304	BRKT, MTG, HEATSINK							1		XB
- 5	10085-0570	14304	CIRCUIT CARD ASSY, A1A16							1		PAODD
- 6	10085-0550	14304	CIRCUIT CARD ASSY, A1A17							1		PAOLD
- 7	10085-0580	14304	PLATE ASSY, CONN, A1A20							1		PAODD
- 8	10085-0521	14304	BRACKET, CONN							1		XB
- 9	10085-5131	14304	SCREW, MACHINE (AP)							4		PADZZ
- 10	H-6769	14304	NUT (AP)							4		XB
- 11	MS15795-803	96906	WASHER, FLAT (AP)							5		PADZZ
- 12	905-23	75915	WASHER, LOCK (AP)							1		PADZZ
- 13	MS35338-135	96906	WASHER, SPLIT (AP)							3		PADZZ
- 14	MS35338-136	96906	WASHER, SPLIT (AP)							4		PADZZ
- 15	MS51957-16	96906	SCREW, MACHINE (AP)							4		PADZZ
- 16	F02B32V10A	81349	FUSE, SLOW-BLOW							1		PAOZZ
- 17	MS3102R20-8P	96906	CONNECTOR, RCPT, ELEC							1		PADZZ
- 18	4525	04009	CONNECTOR, PLUG, ELEC							1		PADZZ
- 19	HKP-HH	71400	FUSEHOLDER EXTRAC							1		PADZZ
- 20	M39012/25-0011	81349	CAP, CONN, ELEC, PROT							1		PADZZ
- 21	M39012/25-0006	81349	CAP, CONN, ELEC, PROT							1		PADZZ
- 22	205817-1	00779	SCREW ASSY							2		PADZZ
- 23	1730-BLACK	28520	BUSHING, STRAIN REL							1		XB

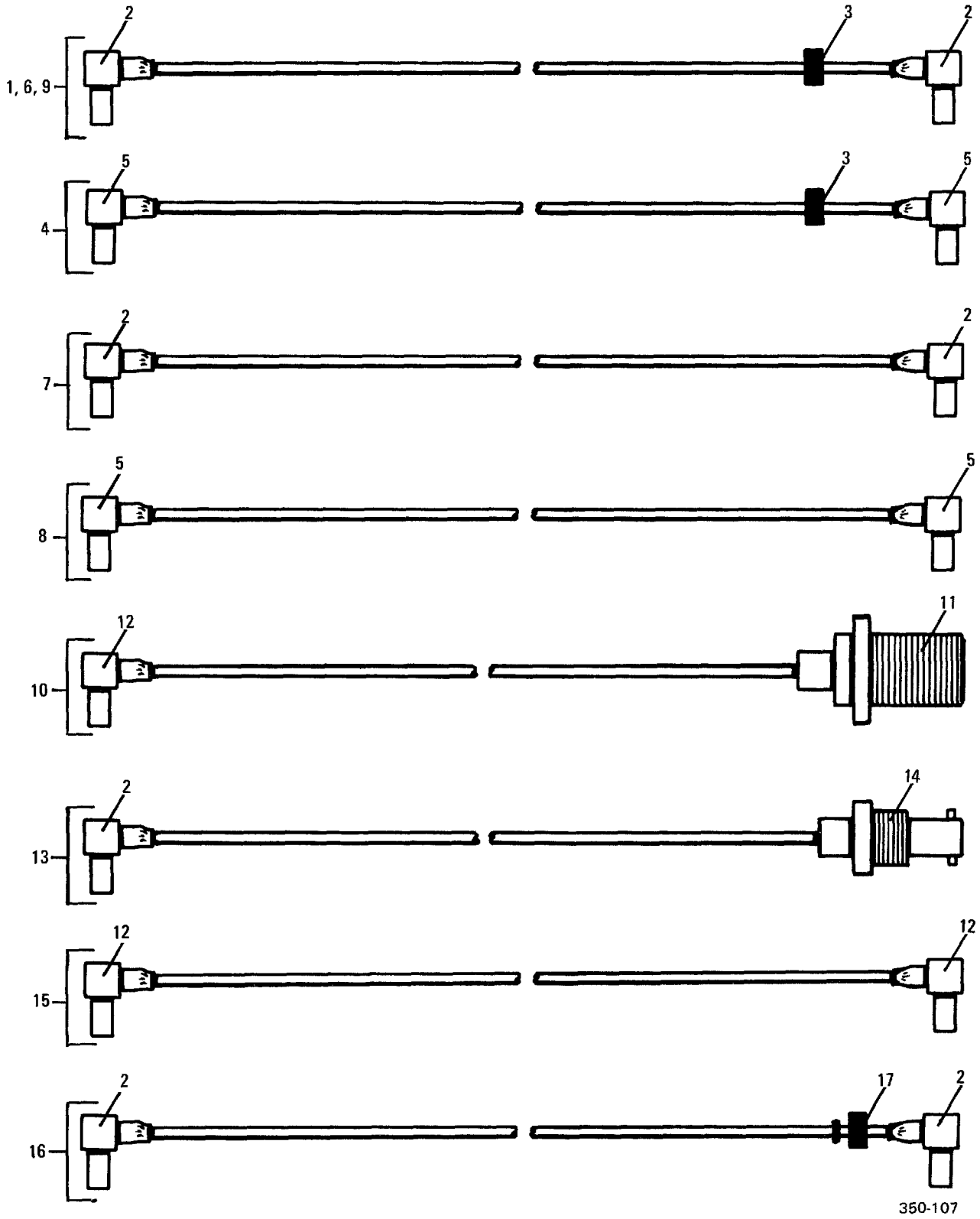
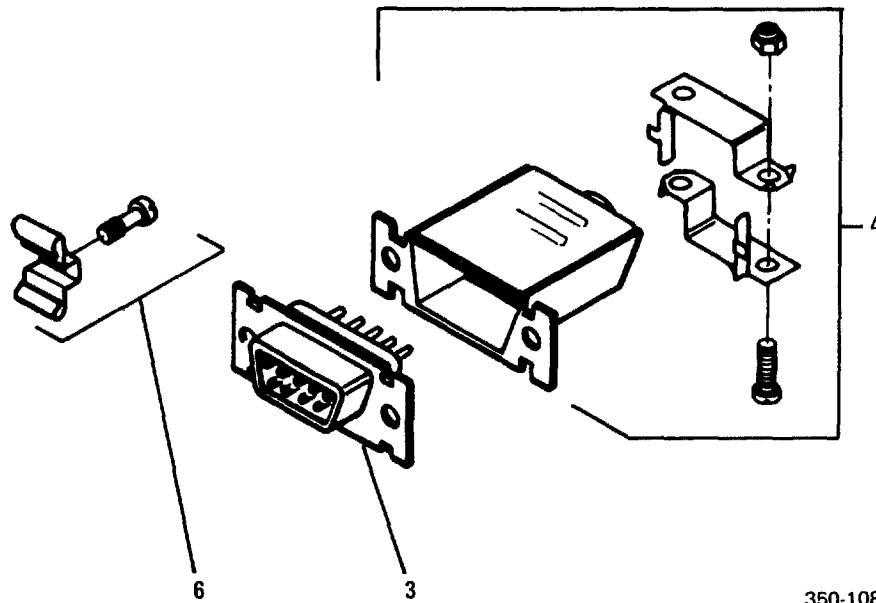
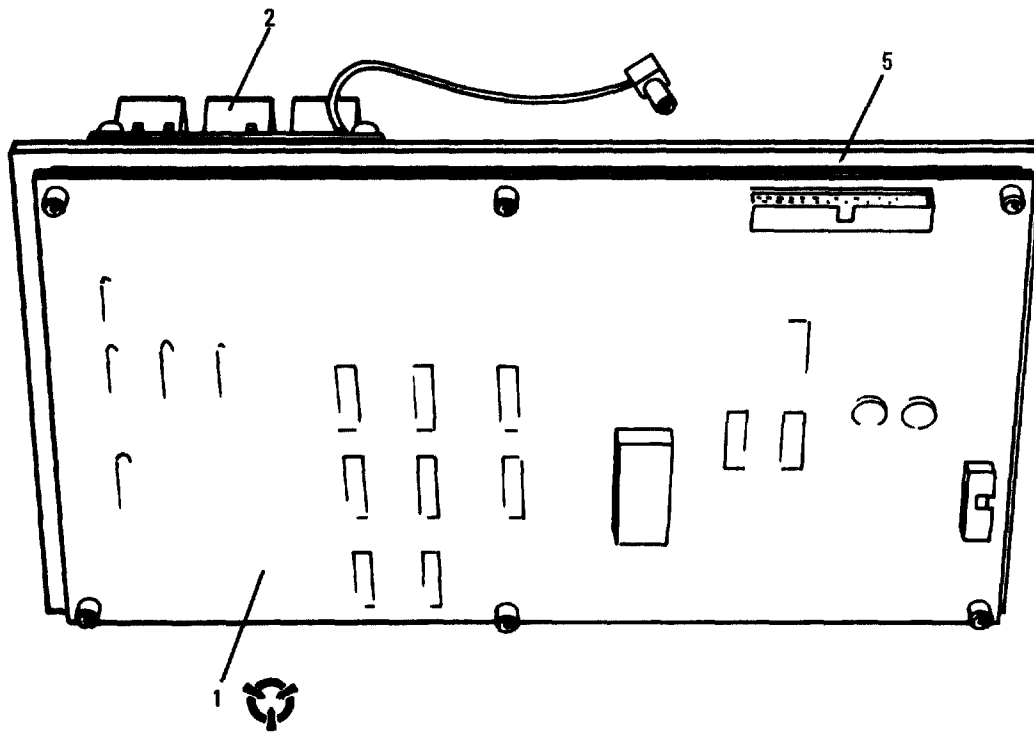


Figure 7-7. Coaxial Cables

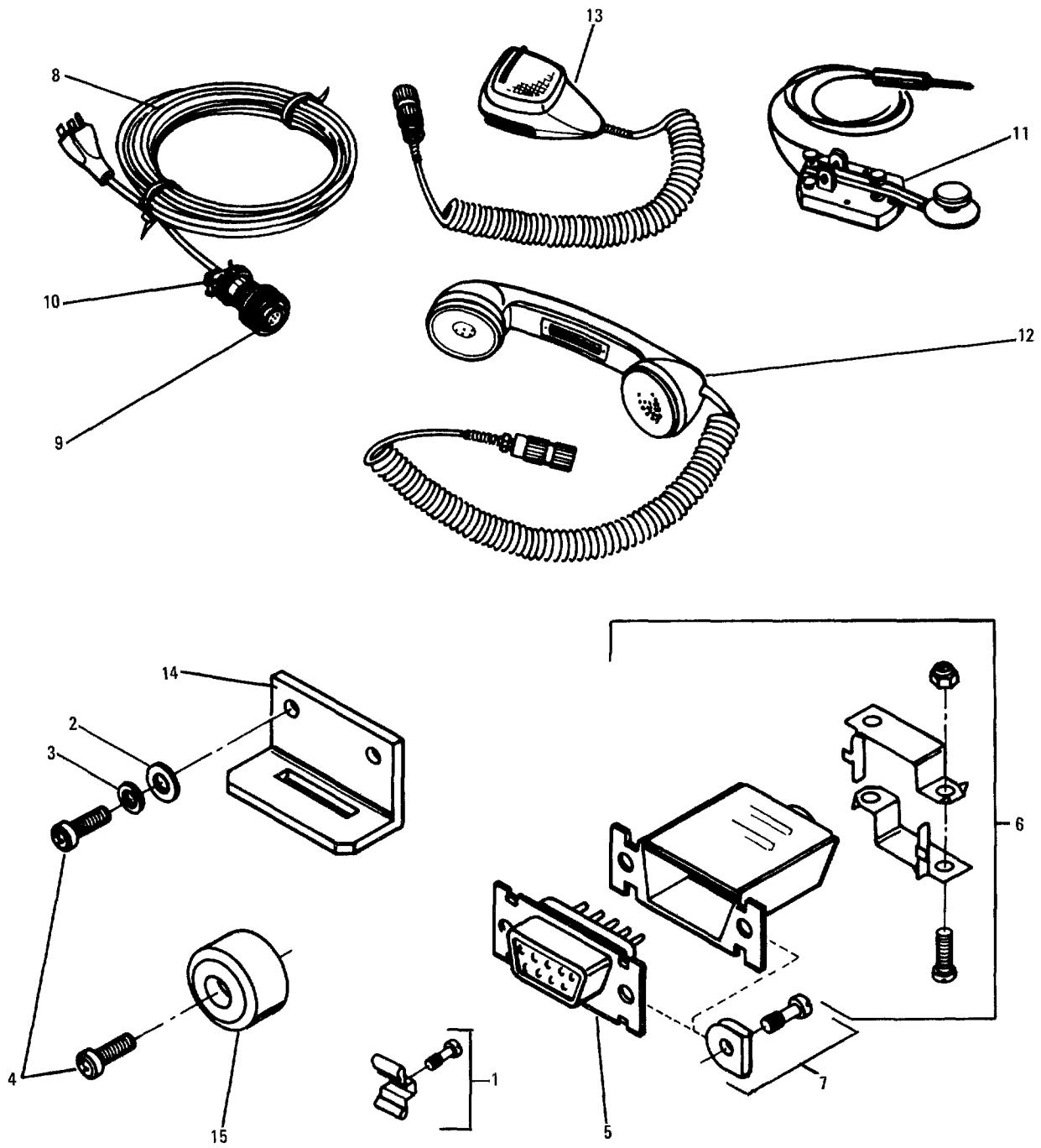
Figure & Index Number	Part Number	FSCM	Description							Units Per Assy	Usable On Code	SMR Code
			1	2	3	4	5	6	7			
7-7 - 1	10085-0300-01	14304								1		PAOZZ
- 2	51-328-3850-916	92891								2		XA
- 3	MS35489-4	96906								1		XA
- 4	10085-0300-02	14304								1		PAOZZ
- 5	51-328-3188-2291	98291								2		XA
- 6	10085-0300-03	14304								1		PAOZZ
- 7	10085-0300-04	14304								1		PAOZZ
- 8	10085-0300-05	14304								1		PAOZZ
- 9	10085-0300-06	14304								1		PAOZZ
- 10	10085-0300-07	14304								1		PAOZZ
- 11	50-1510-0671S	58167								1		XA
- 12	51-328-3875-220	98291								1		XA
- 13	10085-0300-08	14304								1		PAOZZ
- 14	225398-8	00779								1		XA
- 15	10085-0300-09	14304								1		PAOZZ
- 16	10085-0300-13	14304								1		PAOZZ
- 17	11-220-B									1		XA



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Figure 7-8. Module Assy, AFSK, A1A18 (Optional)

Figure & Index Number	Part Number	FSCM	Description							Units Per Assy	Usable On Code	SMR Code
			1	2	3	4	5	6	7			
7-8 -	10085-6000	14304	MODULE ASSY AFSK,A1A18							1		PAODD
- 1	10085-6100	14304	. KY/CONV,AFSK ASSY, A1A18A1							1		PADDD
- 2	10085-6200	14304	. 1F/FLTR,AFSK ASSY, A1A18A2							1		PADDD
- 3	M24308/3-1	81349	. CONNECTOR,RCPT,ELEC							1		PADZZ
- 4	DE24657	71468	. HOOD,CONNECTOR							1		PADZZ
- 5	10085-5144	14304	. BRACKET,MTG							1		XB
- 6	D20419-16	71468	. RETAINER CONN							1		XB



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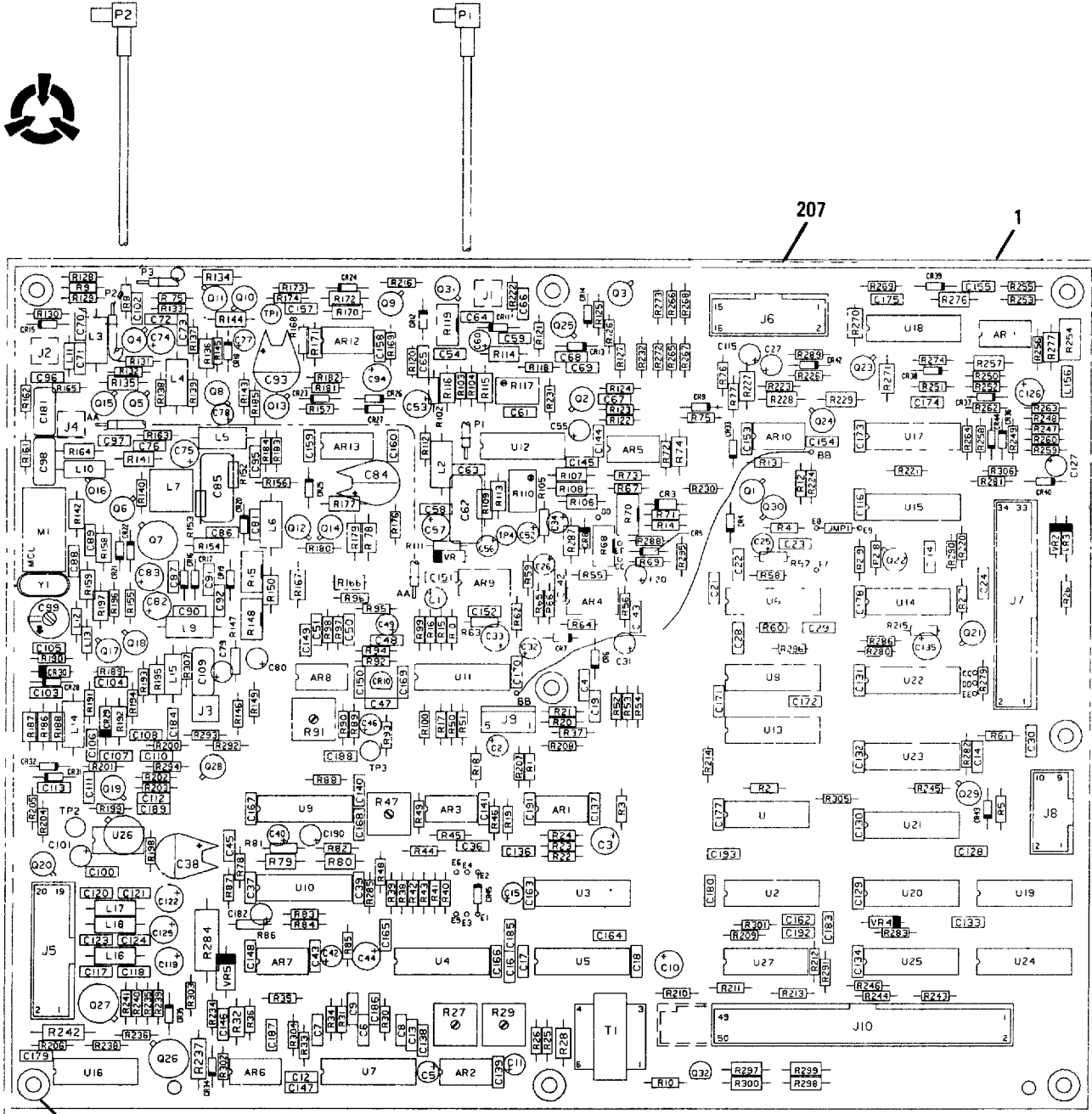
Figure 7-9. Installation Kit for the 100 Watt Transceiver

Figure & Index Number	Part Number	FSCM	Description 1 2 3 4 5 6 7	Units	Usable	SMR Code
				Per Assy	On Code	
7-9 -	10085-0060	14304	INSTALLATION KIT	1		XB
- 1	D20419-16588D205-12	94033	. FASTENER, SCREW-LOCK	2		PAOZZ
- 2	MS15795-805	96906	. WASHER, FLAT (AP)	8		PAOZZ
- 3	MS35338-136	96906	. WASHER, SPLIT (AP)	8		PAOZZ
- 4	MS51957-28	96906	. SCREW, MACHINE (AP)	12		PAOZZ
- 5	M24308/1-1	81349	. CONNECTOR, RCPT, ELEC	1		PAOZZ
- 6	DE24657	71468	. SHIELD ELECTRICAL	1		PAOZZ
- 7	588D205-12	94033	. SCREW, RETAINING	2		PAOZZ
- 8	10085-0065	14304	. CABLE ASSY	1		XB
- 9	MS3106A20-8SC	96906	. CONNECTOR, RCPT, ELEC	1		PAOZZ
- 10	M85049/41-12A	81349	. CLAMP, CABLE	1		PAOZZ
- 11	10085-0066	14304	. CW KEY ASSY	1		XB
- 12	10085-0067	14304	. HANDSET	1		XB
- 13	10085-0068	14304	. MICROPHONE	1		PAOZZ
- 14	10087-3106	14304	. BRACKET	4		XB
- 15	827S	70485	. BUMPER, RUBBER	4		PAOZZ

Figure & Index Number	Connects to:					
7-10-	1	FRONT PANEL ASSY (A1A11) - XCVR CONTROL PWB ASSY (A1A12) - EXCITER PWB ASSY (A1A1)				
-	2	EXCITER PWB ASSY (A1A1) - SYNTHESIZER PWB ASSY (A1A10) - RECEIVER PWB ASSY (A1A8) - LPA COUPLER INTERFACE PWB ASSY (A1A13) - XCVR CONTROL PWB ASSY (A1A12) - INTERCONNECT PWB ASSY (A1A15)				
-	3	AUD 2 CONNECTOR - AUDIO INTERFACE PWB ASSY (A1A16) - EXCITER PWB ASSY (A1A1) - INTERCONNECT PWB ASSY (A1A15)				
-	4	REMOTE CONTROL CONNECTOR - REMOTE CONTROL INTERFACE PWB ASSY (A1A19) - AUDIO INTERFACE PWB ASSY (A1A16)				
-	5	INTERCONNECT PWB ASSY (A1A15) - AFSK KEYER/CONVERTER PWB ASSY (A1A18A1)				
-	6	AFSK CONNECTOR - AFSK KEYER/CONVERTER PWB ASSY (A1A18A1)				

Figure & Index Number	Part Number	FSCM	Description 1 2 3 4 5 6 7	Units	Usable	SMR Code
				Per Assy	On Code	
7-10-	1	10085-0322	CABLE ASSY, RF, A1W10	1		PADZZ
-	2	10085-0324	CABLE ASSY, RF, A1W11	1		PADZZ
-	3	10085-0346	CABLE ASSY, RF, A1W12	1		PADZZ
-	4	10088-6007	CABLE ASSY, RF, A1W13	1		PADZZ
-	5	10085-0329	CABLE ASSY, RF, A1W14	1		PADZZ
-	6	10085-0330	CABLE ASSY, RF, A1W15	1		PADZZ

Figure 7-10. Non-Pendant Cable List



208, 209, 210, 211, 212

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Figure 7-11. Exciter PWB Assy, A1A1

NOTE

To find index numbers for circuit board components, use the reference designator index at the end of this chapter. The complete reference designator for a circuit board component consists of "1," followed by the assembly designator (A1A1, A1A2, etc.), then the reference designator on the illustration. For example, the complete reference designator for R25 on the Exciter PWB Assy is 1A1A1 R25.

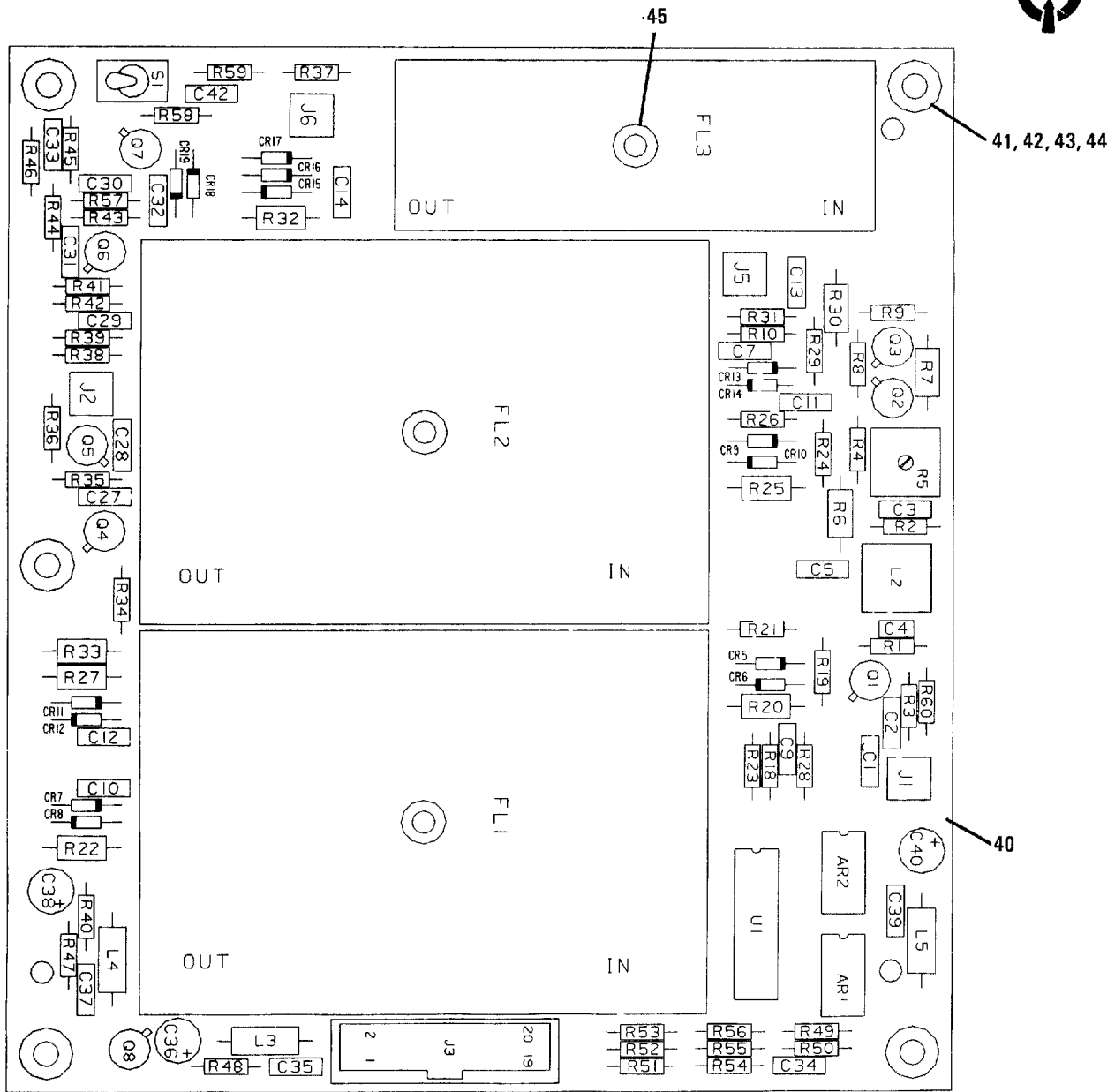
Figure & Index Number	Part Number	FSCM	Description							Units Per Assy	Usable On Code	SMR Code
			1	2	3	4	5	6	7			
7-11-	10085-5400	14304	CIRCUIT CARD ASSY,A1A1							1		PAODD
- 1	10085-5165	14304	. COVER							1		XB
- 2	TL071MJG	01295	. MICROCIRCUIT							2		PADZZ
- 3	MC1558U	04713	. MICROCIRCUIT							11		PADZZ
- 4	T392B335K025AS	31433	. CAP,FXD,ELCTLT							19		PADZZ
- 5	T392C106M025AS	31433	. CAP,FXD,ELCTLT							14		PADZZ
- 6	M39014102-1338	81349	. CAPACITOR,FXD,CER							13		PADZZ
- 7	T392B335M025AS	31433	. CAP,FXD,ELCTLT							19		PADZZ
- 8	M39014/02-1350	81349	. CAPACITOR,FXD,CER							80		PADZZ
- 9	M39014/02-1356	81349	. CAPACITOR,FXD,CER							5		PADZZ
- 10	M39014/01-1345	81349	. CAPACITOR,FXD,CER							5		PADZZ
- 11	M39014/02-1360	81349	. CAPACITOR,FXD,CER							16		PADZZ
- 12	CK06BX224K	81349	. CAPACITOR,FXD,CER							5		PADZZ
- 13	CK05BX221K	81349	. CAPACITOR,FXD,CER							5		PADZZ
- 14	CK06BX474K	81349	. CAPACITOR,FXD,CER							16		PADZZ
- 15	CK06BX104K	81349	. CAPACITOR,FXD,CER							79		PADZZ
- 16	T392B155K035AS	31433	. CAP,FXD,ELCTLT							4		PADZZ
- 17	T392B155M035AS	31433	. CAP,FXD,ELCTLT							4		PADZZ
- 18	T392F686M025AS	31433	. CAP,FXD,ELCTLT							2		PADZZ
- 19	M39014/01-1330	81349	. CAPACITOR,FXD,CER							1		PADZZ
- 20	M39014/01-1342	81349	. CAPACITOR,FXD,CER							2		PADZZ
- 21	CK05BX151K	81349	. CAPACITOR,FXD,CER							2		PADZZ
- 22	CK06BX103K	81349	. CAPACITOR,FXD,CER							14		PADZZ
- 23	M39014/02-1343	81349	. CAPACITOR,FXD,CER							1		PADZZ
- 24	CMR06F102GODR	81349	. CAPACITOR,FXD,MICA							2		PADZZ
- 25	M39014/02-1345	81349	. CAPACITOR,FXD,CER							1		PADZZ
- 26	T392D226K025AS	31433	. CAP,FXD,ELCTLT							2		PADZZ
- 27	T392D226M025AS	31433	. CAP,FXD,ELCTLT							2		PADZZ
- 28	CM06FD102J03	81349	. CAPACITOR,FXD,MICA							2		PADZZ
- 29	M39014/01-1357	81349	. CAPACITOR,FXD,CER							3		PADZZ
- 30	M39014/01-1339	81349	. CAPACITOR,FXD,CER							1		PADZZ
- 31	CK05BX102K	81349	. CAPACITOR,FXD,CER							3		PADZZ
- 32	M39014/01-1351	81349	. CAPACITOR,FXD,CER							1		PADZZ
- 33	T392C475K025AS	31433	. CAP,FXD,ELCTLT							1		PADZZ
- 34	CMR05E330GODR	81349	. CAPACITOR,FXD,MICA							2		PADZZ
- 35	DV11PS15D	73899	. CAPACITOR,VARIABLE							1		PADZZ
- 36	CM05ED330J03	81349	. CAPACITOR,FXD,MICA							2		PADZZ
- 37	T392B106K010AS	31433	. CAP,FXD,ELCTLT							2		PADZZ
- 38	T392B106M010AS	31433	. CAP,FXD,ELCTLT							2		PADZZ
- 39	CMR05E200JODR	81349	. CAPACITOR,FXD,MICA							1		PADZZ
- 40	JAN1N3611	81349	. SEMICOND DEVICE,DIO							2		PADZZ
- 41	JAN1N4454	81349	. SEMICOND DEVICE,DIO							25		PADZZ
- 42	MSD6150	04713	. SEMICOND DEVICE,DIO							1		PADZZ
- 43	353-3733-010	13499	. SEMICOND DEVICE,DIO							6		PADZZ
- 44	5082-3168	98734	. SEMICOND DEVICE,DIO							6		PADZZ

Figure & Index Number	Part Number	FSCM	Description							Units Per Assy	Usable On Code	SMR Code														
			1	2	3	4	5	6	7																	
- 45	JAN1N5711	81349	.	S	E	M	I	C	O	N	D	.	D	I	O	4		PADZZ								
- 46	UM9301	15969	.	S	E	M	I	C	O	N	D	.	D	I	O	2		PADZZ								
- 47	52-051-0000	98291	.	C	O	N	N	E	C	T	O	R	,	P	L	U	G	,	E	L	E	C	3		PADZZ	
- 48	11-0050-00C	58167	.	C	O	N	N	E	C	T	O	R	,	P	L	U	G	,	E	L	E	C	3		PADZZ	
- 49	700-209-NP	50173	.	C	O	N	N	E	C	T	O	R	,	P	L	U	G	,	E	L	E	C	1		PADZZ	
- 50	609-2027	15912	.	C	O	N	N	E	C	T	O	R	,	R	C	P	T	,	E	L	E	C	1		PADZZ	
- 51	609-1627	15912	.	C	O	N	N	E	C	T	O	R	,	R	C	P	T	,	E	L	E	C	1		PADZZ	
- 52	503-3431	32097	.	C	O	N	N	E	C	T	O	R	,	R	C	P	T	,	E	L	E	C	1		PADZZ	
- 53	609-1027	15912	.	C	O	N	N	E	C	T	O	R	,	R	C	P	T	,	E	L	E	C	1		PADZZ	
- 54	22-11-2052	27264	.	C	O	N	N	E	C	T	O	R	,	R	C	P	T	,	E	L	E	C	1		PADZZ	
- 55	500-5027-E	15912	.	C	O	N	N	E	C	T	O	R	,	R	C	P	T	,	E	L	E	C	1		PADZZ	
- 56	MP-1142	14304	.	J	U	M	P	E	R	,	E	L	E	C									1		XB	
- 57	MS75089-12	96906	.	C	O	I	L	,	R	F													2		PADZZ	
- 58	MS75089-17	96906	.	C	O	I	L	,	R	F													1		PADZZ	
- 59	MS90539-15	96906	.	C	O	I	L	,	R	F													3		PADZZ	
- 60	MS90538-12	96906	.	C	O	I	L	,	R	F													1		PADZZ	
- 61	7107-38	71279	.	C	O	I	L	,	R	F													1		PADZZ	
- 62	MS18130-5	96906	.	C	O	I	L	,	R	F													2		PADZZ	
- 63	MS75083-7	96906	.	C	O	I	L	,	R	F													1		PADZZ	
- 64	MS75084-3	96906	.	C	O	I	L	,	R	F													2		PADZZ	
- 65	MS90539-3	96906	.	C	O	I	L	,	R	F													1		PADZZ	
- 66	MS14046-4	96906	.	C	O	I	L	,	R	F													2		PADZZ	
- 67	MS14046-8	96906	.	C	O	I	L	,	R	F													1		PADZZ	
- 68	MDLSBL1	15542	.	M	I	C	R	O	C	I	R	C	I	R	C	I	T							1		PADZZ
- 69	700425	16733	.	C	O	N	N	E	C	T	O	R	,	P	L	U	G	,	E	L	E	C		2		PADZZ
- 70	JAN2N2907A	81349	.	T	R	A	N	S	I	S	T	O	R											2		PADZZ
- 71	JAN2N2222A	81349	.	T	R	A	N	S	I	S	T	O	R										20		PADZZ	
- 72	JAN2N2219A	81349	.	T	R	A	N	S	I	S	T	O	R											1		PADZZ
- 73	JAN2N2369A	81349	.	T	R	A	N	S	I	S	T	O	R											3		PADZZ
- 74	352-1042-010	13499	.	T	R	A	N	S	I	S	T	O	R											2		PADZZ
- 75	JAN2N2857	81349	.	T	R	A	N	S	I	S	T	O	R											1		PADZZ
- 76	2N4236	80131	.	T	R	A	N	S	I	S	T	O	R											2		PADZZ
- 77	U310	04713	.	T	R	A	N	S	I	S	T	O	R											2		PADZZ
- 78	1854-0583	28480	.	T	R	A	N	S	I	S	T	O	R											1		PADZZ
- 79	CF07-472J	78488	.	R	E	S	I	S	T	O	R	,	F	X	D	,	C	O	M	P				18		PADZZ
- 80	CF07-222J	78488	.	R	E	S	I	S	T	O	R	,	F	X	D	,	C	O	M	P				11		PADZZ
- 81	CF07-471J	78488	.	R	E	S	I	S	T	O	R	,	F	X	D	,	C	O	M	P				17		PADZZ
- 82	CF07-153J	78488	.	R	E	S	I	S	T	O	R	,	F	X	D	,	C	O	M	P				4		PADZZ
- 83	CF07-273J	78488	.	R	E	S	I	S	T	O	R	,	F	X	D	,	C	O	M	P				7		PADZZ
- 84	CF07-332J	78488	.	R	E	S	I	S	T	O	R	,	F	X	D	,	C	O	M	P				7		PADZZ
- 85	CF07-103J	78488	.	R	E	S	I	S	T	O	R	,	F	X	D	,	C	O	M	P				29		PADZZ
- 86	CF07-392J	78488	.	R	E	S	I	S	T	O	R	,	F	X	D	,	C	O	M	P				2		PADZZ
- 87	CF07-563J	78488	.	R	E	S	I	S	T	O	R	,	F	X	D	,	C	O	M	P				2		PADZZ
- 88	CF07-151J	78488	.	R	E	S	I	S	T	O	R	,	F	X	D	,	C	O	M	P				2		PADZZ
- 89	CF07-102J	78488	.	R	E	S	I	S	T	O	R	,	F	X	D	,	C	O	M	P				21		PADZZ
- 90	3386F-1-104	32997	.	R	E	S	I	S	T	O	R	,	V	A	R	I	A	B	L	E				2		PADZZ
- 91	RN55D6040F	81349	.	R	E	S	I	S	T	O	R	,	F	X	D	,	F	I	L	M				3		PADZZ
- 92	CF07-333J	78488	.	R	E	S	I	S	T	O	R	,	F	X	D	,	C	O	M	P				11		PADZZ
- 93	CF07-104J	78488	.	R	E	S	I	S	T	O	R	,	F	X	D	,	C	O	M	P				17		PADZZ
- 94	CF07-393J	78488	.	R	E	S	I	S	T	O	R	,	F	X	D	,	C	O	M	P				2		PADZZ
- 95	CF07-683J	78488	.	R	E	S	I	S	T	O	R	,	F	X	D	,	C	O	M	P				1		PADZZ

Figure & Index Number	Part Number	FSCM	Description							Units Per Assy	Usable On Code	SMR Code
			1	2	3	4	5	6	7			
- 96	3386F-1-102	32997	.	RESISTOR	,	VARIABLE				1		PADZZ
- 97	CF07-223J	78488	.	RESISTOR	,	FXD,COMP				5		PADZZ
- 98	CF07-562J	78488	.	RESISTOR	,	FXD,COMP				7		PADZZ
- 99	RNC55K1004FS	81349	.	RESISTOR	,	FXD,FILM				4		PADZZ
-100	RNC55K2432FS	81349	.	RESISTOR	,	FXD,FILM				1		PADZZ
-101	RNC55K3010FS	81349	.	RESISTOR	,	FXD,FILM				2		PADZZ
-102	CF07-101J	78488	.	RESISTOR	,	FXD,COMP				5		PADZZ
-103	3386B-1-504	32997	.	RESISTOR	,	VARIABLE				2		PADZZ
-104	CF07-122J	78488	.	RESISTOR	,	FXD,COMP				1		PADZZ
-105	RN55D1004F	81349	.	RESISTOR	,	FXD,FILM				4		PADZZ
-106	RNC55K4321FS	81349	.	RESISTOR	,	FXD,FILM				1		PADZZ
-107	RN55D2004F	81349	.	RESISTOR	,	FXD,FILM				2		PADZZ
-108	CF07-203J	78488	.	RESISTOR	,	FXD,COMP				1		PADZZ
-109	CF07-822J	78488	.	RESISTOR	,	FXD,COMP				1		PADZZ
-110	CF07-513J	78488	.	RESISTOR	,	FXD,COMP				1		PADZZ
-111	3386F-1-204	32997	.	RESISTOR	,	VARIABLE				1		PADZZ
-112	CF07-242J	78488	.	RESISTOR	,	FXD,COMP				4		PADZZ
-113	CF07-152J	78488	.	RESISTOR	,	FXD,COMP				2		PADZZ
-114	RNC55K1001FS	81349	.	RESISTOR	,	FXD,FILM				3		PADZZ
-115	RNC55K1000FS	81349	.	RESISTOR	,	FXD,FILM				5		PADZZ
-116	RNC55K2001FS	81349	.	RESISTOR	,	FXD,FILM				3		PADZZ
-117	RN55D1000F	81349	.	RESISTOR	,	FXD,FILM				5		PADZZ
-118	RN55D1001F	81349	.	RESISTOR	,	FXD,FILM				3		PADZZ
-119	3299W-1-101	57921	.	RESISTOR	,	VARIABLE				1		PADZZ
-120	RNC55K3011FS	81349	.	RESISTOR	,	FXD,FILM				2		PADZZ
-121	RN55D3011F	81349	.	RESISTOR	,	FXD,FILM				2		PADZZ
-122	RJR24FW503P	81349	.	RESISTOR	,	VARIABLE				1		PADZZ
-123	3386B-1-500	32997	.	RESISTOR	,	VARIABLE				1		PADZZ
-124	ERD50TJ102	54473	.	RESISTOR	,	FXD,COMP				1		PADZZ
-125	CF07-561J	78488	.	RESISTOR	,	FXD,COMP				2		PADZZ
-126	CF07-560J	78488	.	RESISTOR	,	FXD,COMP				1		PADZZ
-127	CF07-751J	78488	.	RESISTOR	,	FXD,COMP				1		PADZZ
-128	CF07-183J	78488	.	RESISTOR	,	FXD,COMP				3		PADZZ
-129	CF07-682J	78488	.	RESISTOR	,	FXD,COMP				1		PADZZ
-130	CF07-821J	78488	.	RESISTOR	,	FXD,COMP				4		PADZZ
-131	RNC55K1100FS	81349	.	RESISTOR	,	FXD,FILM				1		PADZZ
-132	RN55D2001F	81349	.	RESISTOR	,	FXD,FILM				5		PADZZ
-133	CF07-470J	78488	.	RESISTOR	,	FXD,COMP				2		PADZZ
-134	RNC55K5620FS	81349	.	RESISTOR	,	FXD,FILM				2		PADZZ
-135	RNC55K39R2FS	81349	.	RESISTOR	,	FXD,FILM				2		PADZZ
-136	RNC55K75R0FS	81349	.	RESISTOR	,	FXD,FILM				1		PADZZ
-137	CF07-221J	78488	.	RESISTOR	,	FXD,COMP				2		PADZZ
-138	3386B-1-102	32997	.	RESISTOR	,	VARIABLE				1		PADZZ
-139	72XWR5K	73138	.	RESISTOR	,	VARIABLE				1		PADZZ
-140	CF07-681J	78488	.	RESISTOR	,	FXD,COMP				1		PADZZ
-141	CF07-123J	78488	.	RESISTOR	,	FXD,COMP				2		PADZZ
-142	RNC55K2000FS	81349	.	RESISTOR	,	FXD,FILM				1		PADZZ
-143	RNC55K68R1FS	81349	.	RESISTOR	,	FXD,FILM				1		PADZZ
-144	CF07-202J	78488	.	RESISTOR	,	FXD,COMP				1		PADZZ
-145	CF07-201J	78488	.	RESISTOR	,	FXD,COMP				1		PADZZ
-146	RN55D3510F	81349	.	RESISTOR	,	FXD,FILM				2		PADZZ

Figure & Index Number	Part Number	FSCM	Description							Units Per Assy	Usable On Code	SMR Code
			1	2	3	4	5	6	7			
-147	RNC55K1503FS	81349	.							2		PADZZ
-148	RNC55K4322FS	81349	.							1		PADZZ
-149	RN55D6812F	81349	.							1		PADZZ
-150	RNC55K1652FS	81349	.							1		PADZZ
-151	RN55D1503F	81349	.							2		PADZZ
-152	CF07-220J	78488	.							4		PADZZ
-153	CF07-334J	78488	.							1		PADZZ
-154	RNC55K3322FS	81349	.							1		PADZZ
-155	RNC55K7501FS	81349	.							1		PADZZ
-156	RNC55K3922FS	81349	.							1		PADZZ
-157	CF07-473J	78488	.							3		PADZZ
-158	RNC55K2431FS	81349	.							1		PADZZ
-159	RNC55K6980FS	81349	.							1		PADZZ
-160	RN55D3010F	81349	.							2		PADZZ
-161	CF07-182J	78488	.							2		PADZZ
-162	CF07-270J	78488	.							1		PADZZ
-163	RNC55K47R5FS	81349	.							1		PADZZ
-164	RN55D39R2F	81349	.							2		PADZZ
-165	RN55D5620F	81349	.							2		PADZZ
-166	CF07-391J	78488	.							1		PADZZ
-167	RNC55K4021FS	81349	.							1		PADZZ
-168	CF07-331J	78488	.							3		PADZZ
-169	ERD50TJ561	54473	.							1		PADZZ
-170	CF07-224J	78488	.							1		PADZZ
-171	3386B-1-103	32997	.							1		PADZZ
-172	CF07-271J	78488	.							1		PADZZ
-173	RNC55K3482FS	81349	.							1		PADZZ
-174	RNC55K1372FS	81349	.							1		PADZZ
-175	RNC55K1332FS	81349	.							1		PADZZ
-176	RNC55K1002FS	81349	.							1		PADZZ
-177	CF07-154J	78488	.							1		PADZZ
-178	RN55K4320FS	81349	.							2		PADZZ
-179	RN55D4320F	81349	.							2		PADZZ
-180	RNC55K1151FS	81349	.							2		PADZZ
-181	RN55D1151F	81349	.							2		PADZZ
-182	TY-304P	81095	.							1		PADZZ
-183	105-0858-001	74970	.							1		PADZZ
-184	105-0852-001	74970	.							1		PADZZ
-185	105-0856-001	74970	.							1		PADZZ
-186	105-0857-001	74970	.							1		PADZZ
-187	SN54LS26J	01295	.							1		PADZZ
-188	351-8434-010	13499	.							8		PADZZ
-189	CD4053BF	02735	.							8		PADZZ
-190	NE571N	18324	.							3		PADZZ
-191	SA571F	18324	.							2		PADZZ
-192	ULQ-2003R	56289	.							1		PADZZ
-193	SA572F	18324	.							1		PADZZ
-194	1596/BCBJC	04713	.							1		PADZZ
-195	MM54C14J	04713	.							1		PADZZ
-196	10085-9560	14304	.							1		PADZZ
-197	M38510/008021BCB	81349	.							1		PADZZ

Figure & Index Number	Part Number	FSCM	Description							Units Per Assy	Usable On Code	SMR Code
			1	2	3	4	5	6	7			
-198	M38510/30701BEB	81349	.							1		PADZZ
-199	M38510/32204BEB	81349	.							1		PADZZ
-200	CD4094BF	02735	.							4		PADZZ
-201	CD4021BF	02735	.							1		PADZZ
-202	LH0070-OH	27014	.							1		PADZZ
-203	M38510/31005BCB	81349	.							1		PADZZ
-204	JAN1N751A	81349	.							2		PADZZ
-205	JAN1N750A	81349	.							3		PADZZ
-206	10085-5425	14304	.							1		PADZZ
-207	10085-5409	14304	.							1		XA
-208	6611-0135	14304	.							8		XB
-209	10085-5156	14304	.							8		XB
-210	MS35489-4	96906	.							4		XB
-211	MS51957-17	96906	.							8		PAOZZ
-212	MS35338-135	96906	.							8		PADZZ



350-111

Figure 7-12. IF Filter PWB Assy, A1A2

NOTE

To find index numbers for circuit board components, use the reference designator index at the end of this chapter. The complete reference designator for a circuit board component consists of "1," followed by the assembly designator (A1A1, A1A2, etc.), then the reference designator on the illustration. For example, the complete reference designator for R25 on the Exciter PWB Assy is 1A1A1 R25.

Figure & Index Number	Part Number	FSCM	Description	Units Per Assy	Usable On Code	SMR Code
7-12-	10085-5300	14304	CIRCUIT CARD ASSY, A1A2	1		PAODD
- 1	MC1558U	04713	. MICROCIRCUIT	2		PADZZ
- 2	CK06BX104K	81349	. CAPACITOR, FXD, CER	11		PADZZ
- 3	CK06BX474K	81349	. CAPACITOR, FXD, CER	12		PADZZ
- 4	CK05BX181K	81349	. CAPACITOR, FXD, CER	1		PADZZ
- 5	T392C106M025AS	31433	. CAP, FXD, ELCTLT	3		PADZZ
- 6	JAN1N4454	81349	. SEMICOND DEVICE, DIO	15		PADZZ
- 7	10085-5331	14304	. FILTER	1		PADZZ
- 8	10085-5321	14304	. FILTER	1		PADZZ
- 9	10085-5340	14304	. FILTER	1		PADZZ
- 10	700-209-NP	50173	. CONNECTOR, PLUG, ELEC	4		PADZZ
- 11	609-2027	15912	. CONNECTOR, RCPT, ELEC	1		PADZZ
- 12	9208	81564	. COIL, RF	1		PADZZ
- 13	MS14046-8	96906	. COIL, RF	3		PADZZ
- 14	U310	04713	. TRANSISTOR	1		PADZZ
- 15	JAN2N2222A	81349	. TRANSISTOR	5		PADZZ
- 16	JAN2N2907A	81349	. TRANSISTOR	2		PADZZ
- 17	CF07-561J	78488	. RESISTOR, FXD, COMP	2		PADZZ
- 18	CF07-101J	78488	. RESISTOR, FXD, COMP	11		PADZZ
- 19	CF07-471J	78488	. RESISTOR, FXD, COMP	4		PADZZ
- 20	CF07-221J	78488	. RESISTOR, FXD, COMP	1		PADZZ
- 21	3386F-1-102	32997	. RESISTOR, VARIABLE	1		PADZZ
- 22	RNC55K5231FS	81349	. RESISTOR, FXD, FILM	1		PADZZ
- 23	RNC55K2211FS	81349	. RESISTOR, FXD, FILM	1		PADZZ
- 24	CF07-510J	78488	. RESISTOR, FXD, COMP	1		PADZZ
- 25	CF07-102J	78488	. RESISTOR, FXD, COMP	5		PADZZ
- 26	CF07-222J	78488	. RESISTOR, FXD, COMP	3		PADZZ
- 27	RNC55K5111FS	81349	. RESISTOR, FXD, FILM	3		PADZZ
- 28	RN55D1002F	81349	. RESISTOR, FXD, FILM	4		PADZZ
- 29	RN55D5111F	81349	. RESISTOR, FXD, FILM	3		PADZZ
- 30	CF07-682J	78488	. RESISTOR, FXD, COMP	1		PADZZ
- 31	CF07-331J	78488	. RESISTOR, FXD, COMP	1		PADZZ
- 32	CF07-103J	78488	. RESISTOR, FXD, COMP	5		PADZZ
- 33	CF07-472J	78488	. RESISTOR, FXD, COMP	1		PADZZ
- 34	CF07-272J	78488	. RESISTOR, FXD, COMP	2		PADZZ
- 35	CF07-152J	78488	. RESISTOR, FXD, COMP	1		PADZZ
- 36	CF07-104J	78488	. RESISTOR, FXD, COMP	4		PADZZ
- 37	CF07-153J	78488	. RESISTOR, FXD, COMP	1		PADZZ
- 38	T101LH9V3BE	09353	. SWITCH	1		PADZZ
- 39	7704701EB	14933	. MICROCIRCUIT	1		PADZZ
- 40	10085-5309	14304	. CIRCUIT CARD	1		XA
- 41	6611-0135	14304	. RETAINER, SCREW	5		PADZZ
- 42	10085-5156	14304	. BUSHING	5		PADZZ
- 43	MS51957-17	96906	. SCREW, MACHINE (AP)	5		PADZZ
- 44	MS35338-135	96906	. WASHER, SPLIT (AP)	5		PADZZ
- 45	H-6769	14304	. NUT, CLINCH (AP)	3		XB

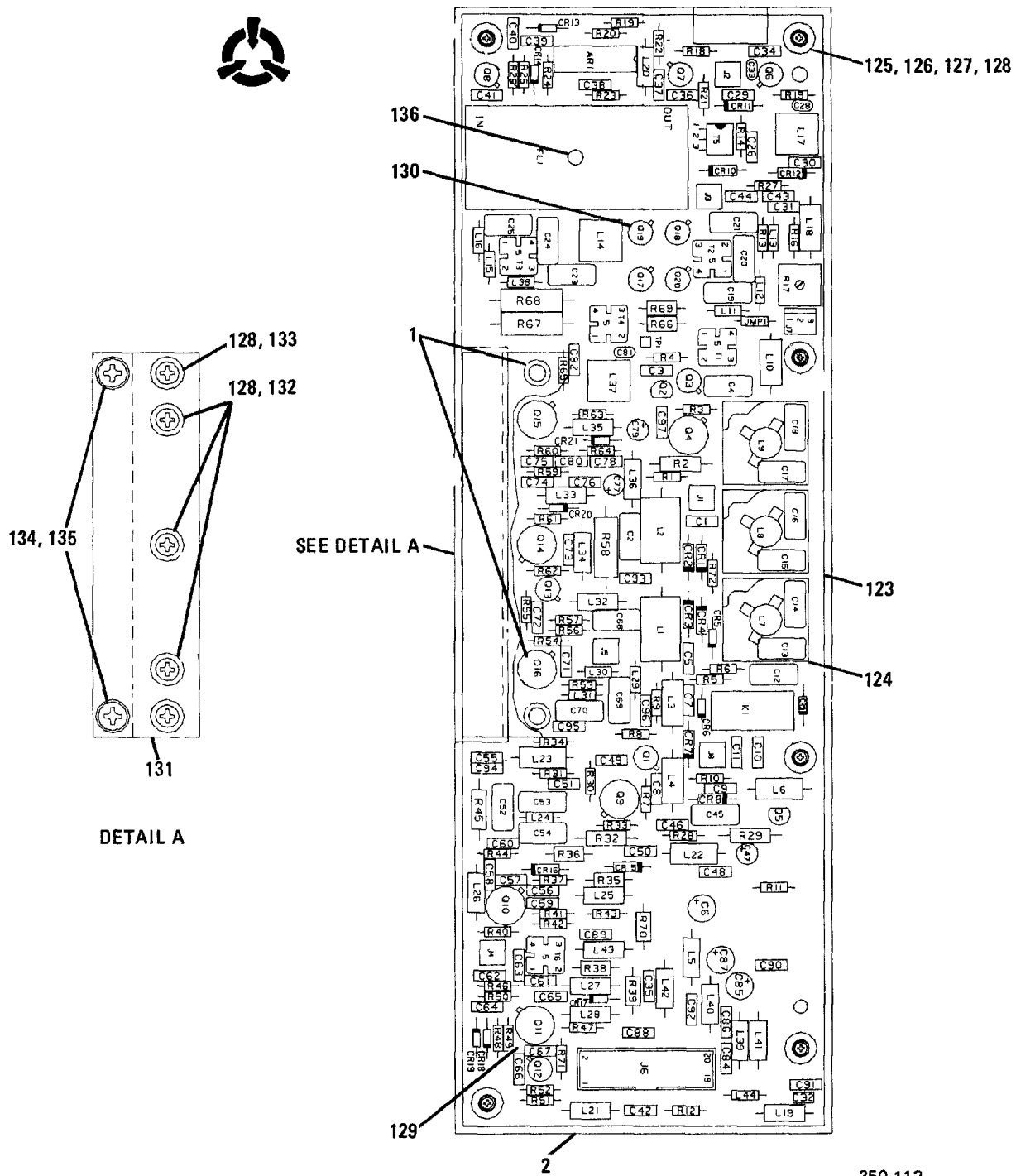


Figure 7-13. First Converter PWB Assy, A1A3

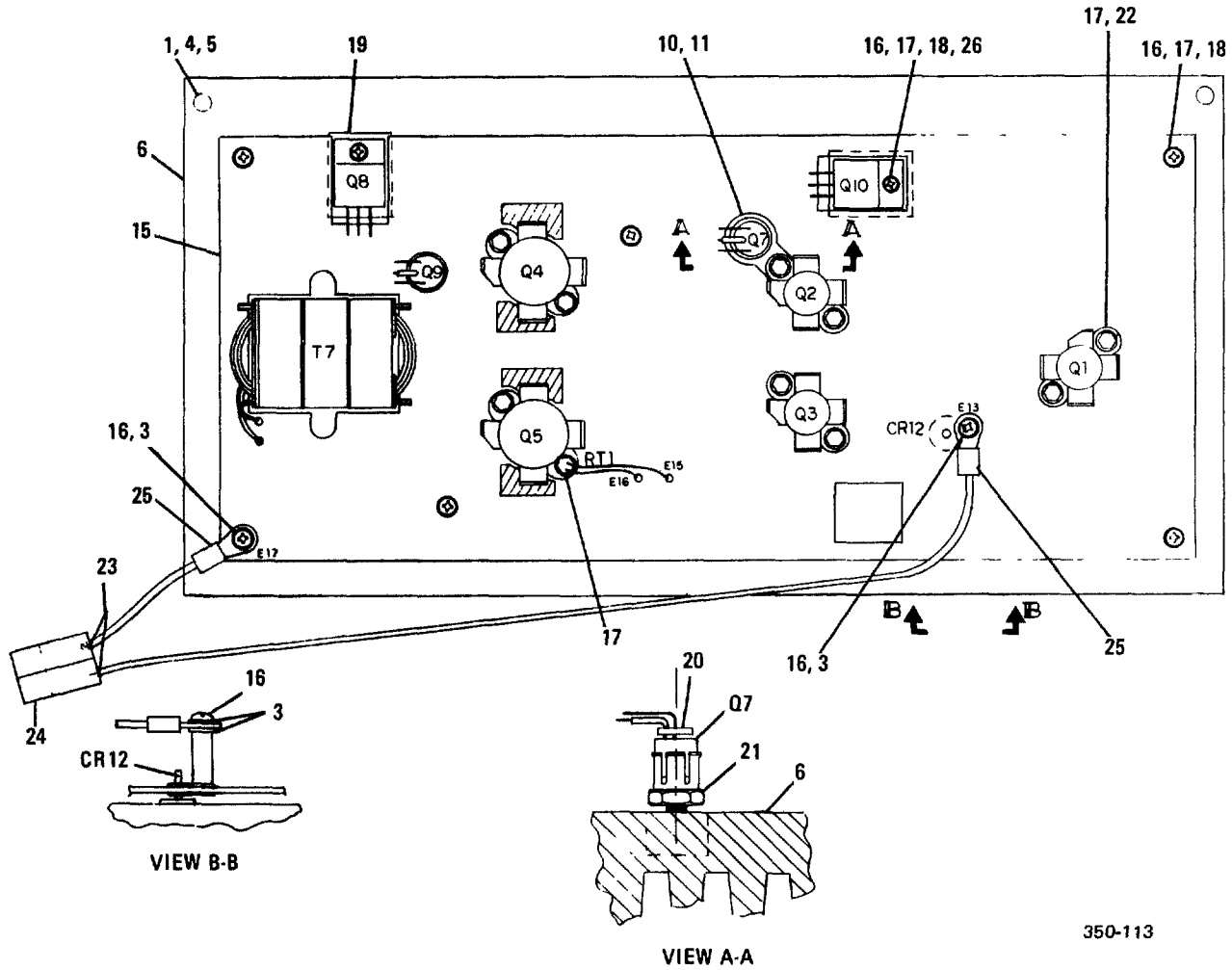
NOTE

To find index numbers for circuit board components, use the reference designator index at the end of this chapter. The complete reference designator for a circuit board component consists of "1," followed by the assembly designator (A1A1, A1A2, etc.), then the reference designator on the illustration. For example, the complete reference designator for R25 on the Exciter PWB Assy is 1A1A1 R25.

Figure & Index Number	Part Number	FSCM	Description							Units Per Assy	Usable On Code	SMR Code
			1	2	3	4	5	6	7			
7-13-	10085-5000	14304	CIRCUIT CARD ASSY,A1A3							1		PAODD
- 1	KFB3-440-18ET	06540	. SPACER							2		XB
- 2	10085-5161	14304	. COVER, CON.							1		XB
- 3	U6A7733312	97942	. MICROCIRCUIT							1		PADZZ
- 4	M39014/02-1342	81349	. CAPACITOR, FXD, CER							1		PADZZ
- 5	CM05ED330J03	81349	. CAPACITOR, FXD, MICA							4		PADZZ
- 6	CK06BX104K	81349	. CAPACITOR, FXD, CER							24		PADZZ
- 7	CMR05F391GODR	81349	. CAPACITOR, FXD, MICA							1		PADZZ
- 8	T392C226M010AS	31433	. CAP, FXD, ELECTLT							1		PADZZ
- 9	CMR05E360GODR	81349	. CAP, FXD, MICA							2		PADZZ
- 10	CMR05E270GODR	81349	. CAP FXD MICA							2		PADZZ
- 11	CMR05F101GODR	81349	. CAP FXD MICA							4		PADZZ
- 12	CMR05F910GODR	81349	. CAP, FXD MICA							1		PADZZ
- 13	CMR05E820GODR	81349	. CAP, FXD MICA							2		PADZZ
- 14	CMR05E560GODR	81349	. CAPACITOR, FXD, MICA							1		PADZZ
- 15	CM05FD101J03	81349	. CAP FXD MICA							4		PADZZ
- 16	CM05ED360J03	81349	. CAP, FXD, MICA							2		PADZZ
- 17	CM05ED820G03	81349	. CAP, FXD MICA							2		PADZZ
- 18	CM05ED270G03	81349	. CAP FXD MICA							2		PADZZ
- 19	CMR05F271GODR	81349	. CAP FXD MICA							2		PADZZ
- 20	CM05FD271J03	81349	. CAP FXD MICA							2		PADZZ
- 21	CMR05E750GODR	81349	. CAP, FXD MICA							1		PADZZ
- 22	CK06BX103K	81349	. CAPACITOR, FXD, CER							31		PADZZ
- 23	DR10DB229J	93958	. CAP, FXD CER							1		PADZZ
- 24	CK05BX102K	81349	. CAPACITOR, FXD, CER							2		PADZZ
- 25	DR10DB829J	93958	. CAP FXD CER							1		PADZZ
- 26	T392B155M035AS	31433	. CAP, FXD, ELCTLT							1		PADZZ
- 27	CK06BX474K	81349	. CAPACITOR, FXD, CER							2		PADZZ
- 28	CMR05E680GODR	81349	. CAP, FXD MICA							2		PADZZ
- 29	CMR05C150J0DR	81349	. CAP, FXD MICA							1		PADZZ
- 30	CM05ED680G03	81349	. CAP, FXD MICA							2		PADZZ
- 31	M39014/02-1334	81349	. CAPACITOR, FXD, CER							1		PADZZ
- 32	10085-5012	14304	. CAPACITOR, FXD, CER							1		PADZZ
- 33	TAPF3.3K25	61725	. CAP, FXD, ELCTLT							2		PADZZ
- 34	TAPF3.3M25	31433	. CAP, FXD, ELCTLT							2		PADZZ
- 35	DR10DB569J	93958	. CAP FXD CER							1		PADZZ
- 36	TAPF10M25	31433	. CAP, FXD, ELCTLT							2		PADZZ
- 37	UES1103	12969	. SEMICOND DEVICE DIO							4		PADZZ
- 38	JAN1N4454	81349	. SEMICOND DEVICE, DIO							7		PADZZ
- 39	5082-3168	98734	. SEMICOND DEVICE, DIO							4		PADZZ
- 40	UM9301	15969	. SEMICOND DEVICE, DIO							3		PADZZ
- 41	JAN1N5711	81349	. SEMICOND DEVICE, DIO							2		PADZZ
- 42	10085-5020	14304	. FILTER							1		PADZZ
- 43	700-209-NP	50173	. CONNECTOR, PLUG, ELEC							5		PADZZ
- 44	609-2027	15912	. CONNECTOR, RCPT, ELEC							1		PADZZ

Figure & Index Number	Part Number	FSCM	Description							Units Per Assy	Usable On Code	SMR Code
			1	2	3	4	5	6	7			
- 45	22-11-2032	27264	.	CONN	RECP	ELECT				1		PADZZ
- 46	MP-1142	14304	.	JUMPER	,ELEC					1		PADZZ
- 47	10085-5019	14304	.	HEATSINK						2		XB
- 48	MS90539-7	96906	.	COIL	RF					3		PADZZ
- 49	MS18130-11	96906	.	COIL	RF					1		PADZZ
- 50	L-0255	14304	.	COIL	,RF					2		PADZZ
- 51	L-0254	14304	.	COIL	,RF					1		PADZZ
- 52	MS75087-5	96906	.	COIL	,RF					1		PADZZ
- 53	MS75083-2	96906	.	COIL	RF					1		PADZZ
- 54	MS75083-5	96906	.	COIL	RF					1		PADZZ
- 55	MS75083-1	96906	.	COIL	RF					2		PADZZ
- 56	8962	81564	.	COIL	RF					1		PADZZ
- 57	MS75083-3	96906	.	COIL	RF					2		PADZZ
- 58	8966	81564	.	COIL	,RF					1		PADZZ
- 59	MS18130-15	96906	.	COIL	RF					1		PADZZ
- 60	MS14046-8	96906	.	COIL	,RF					4		PADZZ
- 61	MS14046-1	96906	.	COIL	,RF					7		PADZZ
- 62	MS90539-3	96906	.	COIL	,RF					2		PADZZ
- 63	MS75083-8	96906	.	COIL	RF					1		PADZZ
- 64	MS18130-14	96906	.	COIL	,RF					1		PADZZ
- 65	MS90538-20	96906	.	COIL	,RF					2		PADZZ
- 66	MS75083-6	96906	.	COIL	RF					2		PADZZ
- 67	MS18130-5	96906	.	COIL	,RF					1		PADZZ
- 68	MS14046-4	96906	.	COIL	,RF					2		PADZZ
- 69	L11-0004-017	14304	.	COIL	RF					1		PADZZ
- 70	MS75083-13	96906	.	COIL	RF					1		PADZZ
- 71	JAN2N2907A	81349	.	TRANSISTOR						2		PADZZ
- 72	MPS-A18	04713	.	TRANSISTOR						1		PADZZ
- 73	JAN2N2222A	81349	.	TRANSISTOR						3		PADZZ
- 74	JAN2N3439	81349	.	TRANSISTOR						1		PADZZ
- 75	U310	04713	.	TRANSISTOR						2		PADZZ
- 76	JAN2N3866A	81349	.	TRANSISTOR						5		PADZZ
- 77	2N5160	81349	.	TRANSISTOR						1		PADZZ
- 78	ON947	34553	.	TRANSISTOR						3		PADZZ
- 79	CF07-470J	78488	.	RESISTOR	,FXD	,COMP				4		PADZZ
- 80	CF07-473J	78488	.	RESISTOR	,FXD	,COMP				1		PADZZ
- 81	ERD50TJ154	54473	.	RESISTOR	,FXD	,COMP				1		PADZZ
- 82	CF07-103J	78488	.	RESISTOR	,FXD	,COMP				4		PADZZ
- 83	CF07-4R7J	78488	.	RESISTOR	,FXD	,COMP				2		PADZZ
- 84	CF07-153J	78488	.	RESISTOR	,FXD	,COMP				2		PADZZ
- 85	CF07-562J	78488	.	RESISTOR	,FXD	,COMP				2		PADZZ
- 86	CF07-822J	78488	.	RESISTOR	,FXD	,COMP				1		PADZZ
- 87	CF07-680J	78488	.	RESISTOR	,FXD	,COMP				2		PADZZ
- 88	CF07-681J	78488	.	RESISTOR	,FXD	,COMP				1		PADZZ
- 89	3386F-1-502	32997	.	RESISTOR	,VARIABLE					1		PADZZ
- 90	CF07-682J	78488	.	RESISTOR	,FXD	,COMP				3		PADZZ
- 91	CF07-101J	78488	.	RESISTOR	,FXD	,COMP				2		PADZZ
- 92	CF07-221J	78488	.	RESISTOR	,FXD	,COMP				3		PADZZ
- 93	CF07-821J	78488	.	RESISTOR	,FXD	,COMP				2		PADZZ
- 94	CF07-104J	78488	.	RESISTOR	,FXD	,COMP				2		PADZZ
- 95	CF07-152J	78488	.	RESISTOR	,FXD	,COMP				1		PADZZ

Figure & Index Number	Part Number	FSCM	Description							Units Per Assy	Usable On Code	SMR Code
			1	2	3	4	5	6	7			
- 96	ERD50TJ151	54473	.	RESISTOR, FXD, COMP						3		PADZZ
- 97	CF07-471J	78488	.	RESISTOR, FXD, COMP						4		PADZZ
- 98	CF07-820J	78488	.	RESISTOR, FXD, COMP						1		PADZZ
- 99	RNC55K1821FS	81349	.	RESISTOR FXD FILM						1		PADZZ
-100	RNC55K27R4FS	81349	.	RESISTOR FXD FILM						1		PADZZ
-101	RN55D2431F	81349	.	RESISTOR, FXD, FILM						1		PADZZ
-102	RN55D6980F	81349	.	RESISTOR, FXD, FILM						1		PADZZ
-103	CF07-122J	78488	.	RESISTOR, FXD, COMP						1		PADZZ
-104	CF07-151J	78488	.	RESISTOR, FXD, COMP						3		PADZZ
-105	CF07-100J	78488	.	RESISTOR, FXD, COMP						4		PADZZ
-106	CF07-561J	78488	.	RESISTOR, FXD, COMP						1		PADZZ
-107	CF07-102J	78488	.	RESISTOR, FXD, COMP						2		PADZZ
-108	CF07-222J	78488	.	RESISTOR, FXD, COMP						1		PADZZ
-109	CF07-472J	78488	.	RESISTOR, FXD, COMP						1		PADZZ
-110	RCR32G820JS	81349	.	RESISTOR, FXD, COMP						1		PADZZ
-111	CF07-392J	78488	.	RESISTOR, FXD, COMP						2		PAODD
-112	RNC55K8251FS	81349	.	RESISTOR, FXD, FILM						1		PADZZ
-113	RCR32G151JS	81349	.	RESISTOR, FXD, COMP						2		PADZZ
-114	RCR32G151JM	81349	.	RESISTOR, FXD, COMP						2		PADZZ
-115	RNC55K2212FS	81349	.	RESISTOR, FXD, FILM						1		PADZZ
-116	RN55D3010F	81349	.	RESISTOR, FXD, FILM						1		PADZZ
-117	10085-5013	14304	.	TRANSFORMER, RF						1		PADZZ
-118	10085-5021	14304	.	TRANSFORMER, RF						1		PADZZ
-119	10085-5023	14304	.	TRANSFORMER, RF						1		PADZZ
-120	10085-5022	14304	.	TRANSFORMER, RF						1		PADZZ
-121	10085-5014	14304	.	TRANSFORMER, RF						1		PADZZ
-122	65499-101	22526	.	CONNECTOR, PLUG, ELEC						1		PADZZ
-123	10085-5009	14304	.	CIRCUIT CARD						1		XA
-124	260-4TH5B	90372	.	HEATSINK						3		XB
-125	6611-0135	14304	.	RETAINER, SCREW						6		PADZZ
-126	10085-5156	14304	.	BUSHING						6		PADZZ
-127	MS51957-17	96906	.	SCREW, MACHINE (AP)						6		PADZZ
-128	MS35338-135	96906	.	WASHER, SPLIT (AP)						11		PADZZ
-129	11737761	19200	.	PAD, MTG, ELEC, CMPNT						7		PADZZ
-130	7717-89-DAP	13103	.	MTG PAD, ELEC, CMPNT						4		PADZZ
-131	10085-5016	14304	.	HEATSINK						1		XB
-132	MS51957-13	96906	.	SCREW, MACHINE (AP)						3		PAOZZ
-133	MS51957-14	96906	.	SCREW, MACHINE (AP)						2		PAOZZ
-134	10085-5131	14304	.	SCREW, MACHINE (AP)						2		PAOZZ
-135	MS35338-136	96906	.	WASHER, SPLIT (AP)						2		PADZZ
-136	841-00	92967	.	NUT, CLINCH (AP)						1		PADZZ
-137	18097B-B0440-14	46384	.	SPACER						2		XB



350-113

Figure 7-14. Power Amplifier Assy, A1A4

NOTE

To find index numbers for circuit board components, use the reference designator index at the end of this chapter. The complete reference designator for a circuit board component consists of "1," followed by the assembly designator (A1A1, A1A2, etc.), then the reference designator on the illustration. For example, the complete reference designator for R25 on the Exciter PWB Assy is 1A1A1 R25.

Figure & Index Number	Part Number	FSCM	Description							Units Per Assy	Usable On Code	SMR Code
			1	2	3	4	5	6	7			
7-14-	10085-8010	14304	100W	PA,	12V,	ASSY,	A1A4			1		PAOLD
- 1	MS15795-805	96906	.	WASHER,	FLAT	(AP)				2		PADZZ
- 2	MS51957-14	96906	.	WASHER,	FLAT	(AP)				1		PADZZ
- 3	MS35333-70	96906	.	WASHER,	LOCK	(AP)				3		PAOZZ
- 4	MS35338-136	96906	.	WASHER,	SPLIT	(AP)				2		PADZZ
- 5	6241-SS-0632-17	06540	.	SCREW,	MACHINE	(AP)				2		XB
- 6	10085-5180	14304	.	HEATSINK						1		XB
- 7	MR5005R	04713	.	SEMICON	DEVICE,	DIO				1		PADZZ
- 8	PT4371A	71785	.	TRANSISTOR						1		PADZZ
- 9	PT4371B	71785	.	TRANSISTOR						1		PADZZ
- 10	PT4371C	71785	.	TRANSISTOR						1		PADZZ
- 11	JAN2N2219A	81349	.	TRANSISTOR						2		PADZZ
- 12	TIP120	01295	.	TRANSISTOR						2		PADZZ
- 13	6628-1050	14304	.	RESISTOR,	THERMAL					1		PAOZZ
- 14	10085-8165	14304	.	TRANSFORMER,	RF					1		PADZZ
- 15	10085-8100	14304	.	CIRCUIT	CARD	ASSY				1		PADLD
- 16	MS51957-16	96906	.	SCREW,	MACHINE	(AP)				9		PAOZZ
- 17	MS35338-135	96906	.	WASHER,	SPLIT	(AP)				17		PADZZ
- 18	MS15795-803	96906	.	WASHER,	FLAT	(AP)				7		PADZZ
- 19	7403-09FR-51	55285	.	INSULATOR,	ELEC.					2		PADZZ
- 20	7717-15-DAP	13103	.	MTG	PAD.	ELEC	COMPNT			2		XB
- 21	260-6SH5E	90372	.	HEATSINK						2		XB
- 22	MS16995-10	96906	.	SCREW,	MACHINE	(AP)				9		PAOZZ
- 23	53892-4	00779	.	CONTACT,	ELECTRICAL					2		PADZZ
- 24	54483-2	00779	.	CONNECTOR,	RCPT,	ELEC				1		PADZZ
- 25	MS25036-111	96906	.	TERMINAL,	LUG					2		PADZZ
- 26	7721-7PPS	13103	.	INSULATOR	BUSHING					2		PADZZ

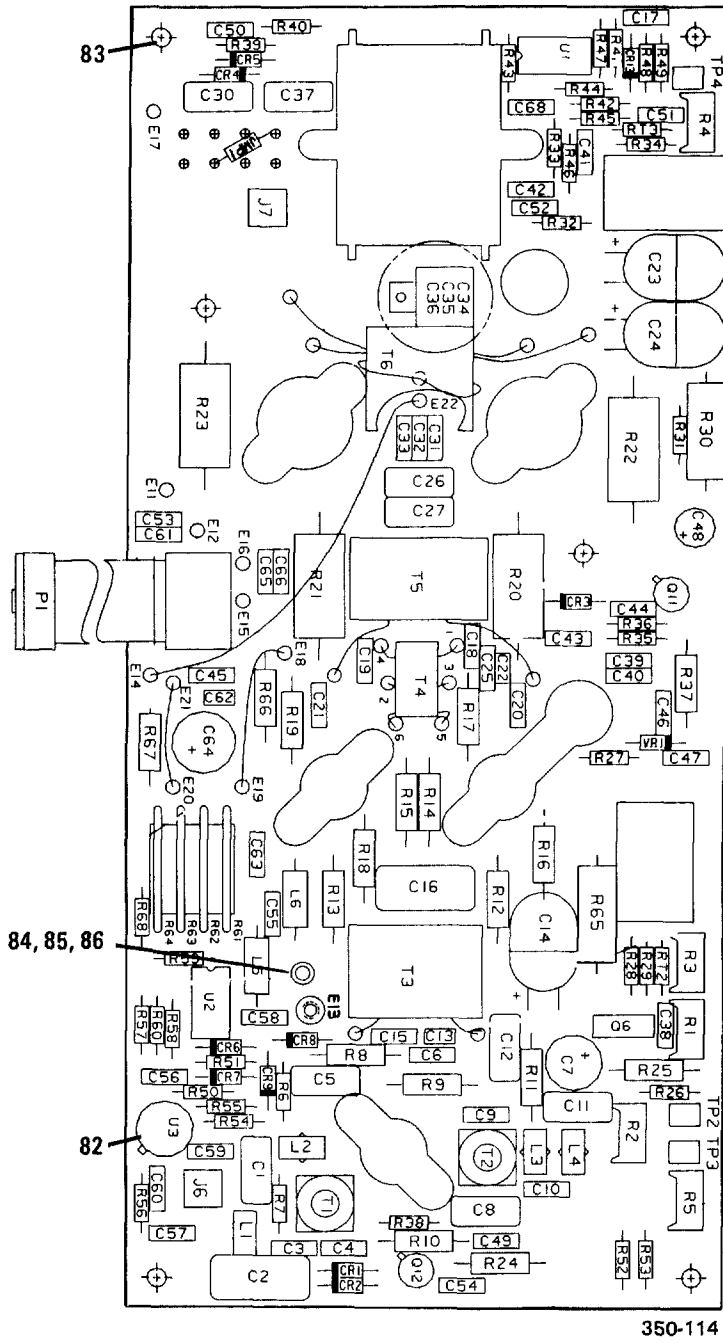


Figure 7-15. Power Amplifier PWB Assy, A1A4A1

NOTE

To find index numbers for circuit board components, use the reference designator index at the end of this chapter. The complete reference designator for a circuit board component consists of "1," followed by the assembly designator (A1A1, A1A2, etc.), then the reference designator on the illustration. For example, the complete reference designator for R25 on the Exciter PWB Assy is 1A1A1 R25.

Figure & Index Number	Part Number	FSCM	Description							Units Per Assy	Usable On Code	SMR Code
			1	2	3	4	5	6	7			
7-15-	10085-8100	14304	CIRCUIT CARD ASSY, A1A4A1							1		PADLDT
- 1	CM05FD331G03	81349	. CAPACITOR, FXD, MICA							2		PADZZ
- 2	CM06FD821J03	81349	. CAPACITOR, FXD, MICA							2		PADZZ
- 3	CK06BX104K	81349	. CAPACITOR, FXD, CER							41		PADZZ
- 4	CM05FD391J03	81349	. CAPACITOR, FXD, MICA							1		PADZZ
- 5	106RAR050APX	74840	. CAP, FXD, ELCTLT							1		PADZZ
- 6	CMR05F121GODR	81349	. CAPACITOR, FXD, MICA							1		PADZZ
- 7	CK05BX102K	81349	. CAPACITOR, FXD, CER							3		PADZZ
- 8	199D687X9003FE2	56289	. CAP FXD ELECTLT							1		PADZZ
- 9	CMR06F431GODI	81349	. CAPACITOR, FXD, MICA							1		PADZZ
- 10	199D337X96R3FE2	56289	. CAP, FXD, ELCTLT							2		PADZZ
- 11	199D337X06R3EA2	56289	. CAP, FXD, ELCTLT							2		PADZZ
- 12	CM06FD102J03	81349	. CAPACITOR, FXD, MICA							1		PADZZ
- 13	CM06FD112J03	81349	. CAPACITOR, FXD, MICA							1		PADZZ
- 14	CM05FD361G03	81349	. CAPACITOR, FXD, MICA							1		PADZZ
- 15	C45-0002-621	14304	. CAPACITOR, FXD, MICA							1		PADZZ
- 16	C45-0002-751	14304	. CAPACITOR, FXD, MICA							1		PADZZ
- 17	CM05ED360J03	81349	. CAP, FXD, MICA							1		PADZZ
- 18	T392C226M010AS	31433	. CAP, FXD, ELECTLT							1		PADZZ
- 19	CK06BX474K	81349	. CAPACITOR, FXD, CER							1		PADZZ
- 20	25VBSL100	00493	. CAP, FXD, ELCTLT							1		PADZZ
- 21	JAN1N4454	81349	. SEMICOND DEVICE, DIO							9		PADZZ
- 22	JAN1N3611	81349	. SEMICOND DEVICE, DIO							9		PADZZ
- 23	700-209-NP	50173	. CONNECTOR, PLUG, ELEC							2		PADZZ
- 24	MP-1142	14304	. JUMPER, ELEC							1		PADZZ
- 25	10085-8110	14304	. COIL, RF							2		PADZZ
- 26	10085-8111	14304	. COIL, RF							2		PADZZ
- 27	1025-48	71895	. COIL, RF							2		PADZZ
- 28	10085-0350	14304	. CABLE ASSY, RF							1		PAOZZ
- 29	TIP120	01295	. TRANSISTOR							1		PADZZ
- 30	JAN2N2907A	81349	. TRANSISTOR							1		PADZZ
- 31	JAN2N2222A	81349	. TRANSISTOR							1		PADZZ
- 32	3386B-1-102	32997	. RESISTOR, VARIABLE							1		PADZZ
- 33	3386B-1-101	32997	. RESISTOR, VARIABLE							2		PADZZ
- 34	3386B-1-201	32997	. RESISTOR, VARIABLE							2		PADZZ
- 35	CF07-910J	78488	. RESISTOR, FXD, COMP							1		PADZZ
- 36	CF07-510J	78488	. RESISTOR, FXD, COMP							1		PADZZ
- 37	ERD50TJ121	54473	. RESISTOR, FXD, COMP							1		PADZZ
- 38	ERD50TJ109	54473	. RESISTOR, FXD, COMP							2		PADZZ
- 39	ERD50TJ270	54473	. RESISTOR, FXD, COMP							1		PADZZ
- 40	ERD50TJ680	54473	. RESISTOR, FXD, COMP							2		PADZZ
- 41	ERD50TJ150	54473	. RESISTOR, FXD, COMP							2		PADZZ
- 42	RSF-1A	56637	. RESISTOR, FXD, COMP							5		PADZZ
- 43	RCR42G100JS	81349	. RESISTOR, FXD, COMP							4		PADZZ
- 44	RCR42G100JM	81349	. RESISTOR, FXD, COMP							4		PADZZ

Figure & Index Number	Part Number	FSCM	Description							Units Per Assy	Usable On Code	SMR Code
			1	2	3	4	5	6	7			
- 45	ERD50TJ271	54473	.	RESISTOR	,FXD	,COMP				2		PADZZ
- 46	ERD50TJ479	54473	.	RESISTOR	,FXD	,COMP				2		PADZZ
- 47	CF07-181J	78488	.	RESISTOR	,FXD	,COMP				2		PADZZ
- 48	CF07-471J	78488	.	RESISTOR	,FXD	,COMP				2		PADZZ
- 49	CF07-102J	78488	.	RESISTOR	,FXD	,COMP				5		PADZZ
- 50	CF07-470J	78488	.	RESISTOR	,FXD	,COMP				2		PADZZ
- 51	573S1R00K	44655	.	RESISTOR	,FXD	,WW				2		PADZZ
- 52	CF07-821J	78488	.	RESISTOR	,FXD	,COMP				1		PADZZ
- 53	CF07-822J	78488	.	RESISTOR	,FXD	,COMP				2		PADZZ
- 54	CF07-101J	78488	.	RESISTOR	,FXD	,COMP				1		PADZZ
- 55	CF07-473J	78488	.	RESISTOR	,FXD	,COMP				1		PADZZ
- 56	CF07-105J	78488	.	RESISTOR	,FXD	,COMP				2		PADZZ
- 57	CF07-184J	78488	.	RESISTOR	,FXD	,COMP				1		PADZZ
- 58	CF07-103J	78488	.	RESISTOR	,FXD	,COMP				2		PADZZ
- 59	CF07-152J	78488	.	RESISTOR	,FXD	,COMP				3		PADZZ
- 60	CF07-203J	78488	.	RESISTOR	,FXD	,COMP				1		PADZZ
- 61	CF07-122J	78488	.	RESISTOR	,FXD	,COMP				2		PADZZ
- 62	CF07-620J	78488	.	RESISTOR	,FXD	,COMP				1		PADZZ
- 63	CF07-161J	78488	.	RESISTOR	,FXD	,COMP				2		PADZZ
- 64	CF07-750J	78488	.	RESISTOR	,FXD	,COMP				1		PADZZ
- 65	CF07-511J	78488	.	RESISTOR	,FXD	,COMP				1		PADZZ
- 66	CF07-393J	78488	.	RESISTOR	,FXD	,COMP				2		PADZZ
- 67	10029-0211	14304	.	RESISTOR	,WIRE					4		PADZZ
- 68	1K-201-J	50157	.	TEMPISTOR						2		PADZZ
- 69	10085-8130	14304	.	TRANSFORMER	,RF					1		PADZZ
- 70	10085-8140	14304	.	TRANSFORMER	,RF					1		PADZZ
- 71	10085-8191	14304	.	TRANSFORMER	,RF					2		PADZZ
- 72	10085-8170	14304	.	TRANSFORMER	,RF					1		PADZZ
- 73	10085-8180	14304	.	TRANSFORMER	,RF					1		PADZZ
- 74	105-1102-001	74970	.	JACK	,TIP					1		PADZZ
- 75	105-1106-001	74970	.	JACK	,TIP					1		PADZZ
- 76	105-1107-001	74970	.	JACK	,TIP					1		PADZZ
- 77	LM2904N	27014	.	MICROCIRCUIT						1		PADZZ
- 78	MC1558U	04713	.	MICROCIRCUIT						1		PADZZ
- 79	2N3806	80131	.	TRANSISTOR						1		PADZZ
- 80	JAN1N4461	81349	.	TRANSISTOR						1		PADZZ
- 81	10085-8109	14304	.	CIRCUIT CARD						1		XA
- 82	7717-240DAP	13103	.	MTG PAD	,ELEC	,CMPNT				1		XB
- 83	18296B-B.129-14	46384	.	SPACER						6		XB
- 84	18097B-B0440-14	46384	.	SPACER						1		PADZZ
- 85	SE-54	07707	.	EYELET METALLIC						1		PADZZ
- 86	MS35333-72	96906	.	WASHER	,LOCK	(AP)				1		PADZZ

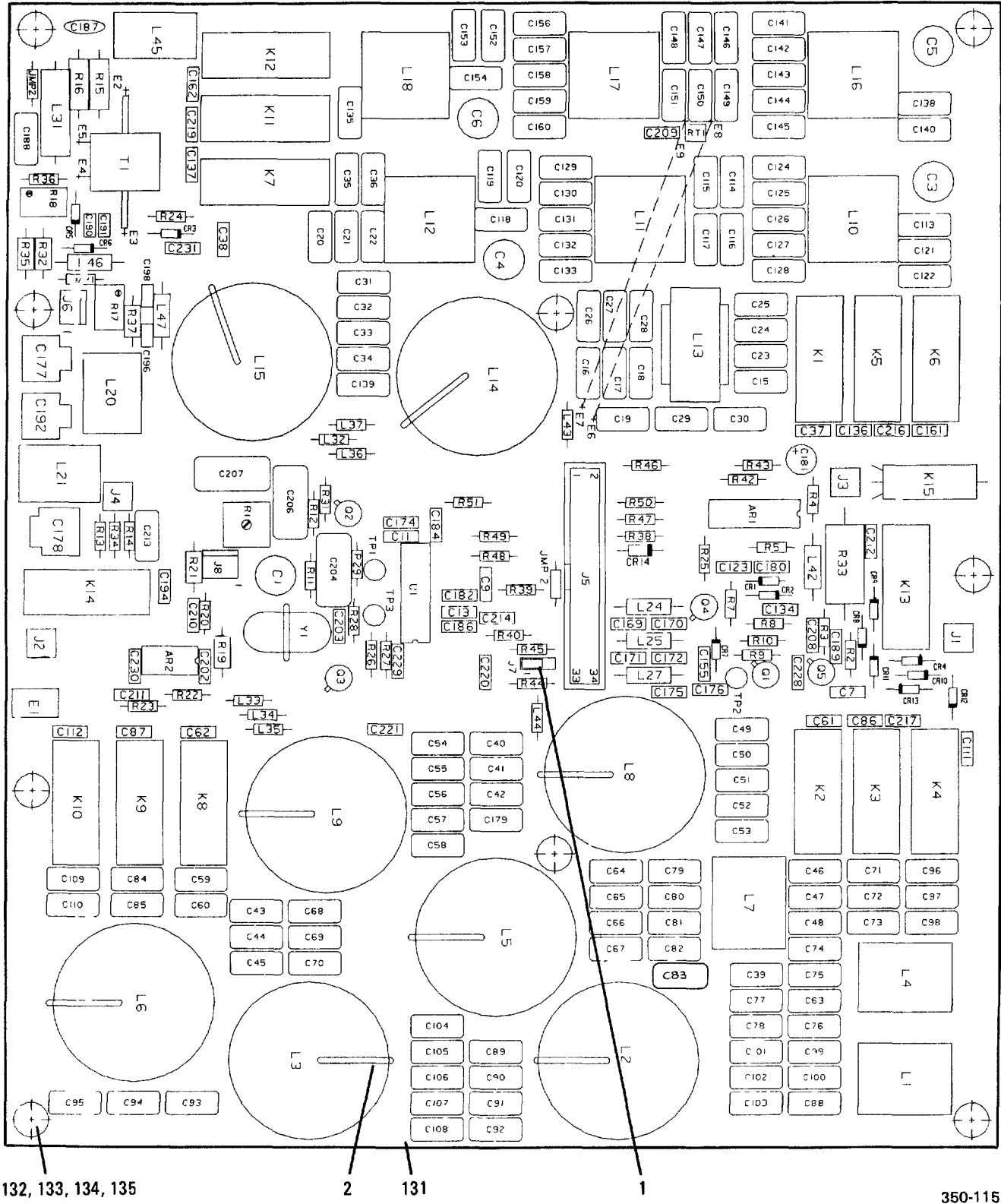


Figure 7-16. Low Pass Filter PWB Assy, A1A5

NOTE

To find index numbers for circuit board components, use the reference designator index at the end of this chapter. The complete reference designator for a circuit board component consists of "1," followed by the assembly designator (A1A1, A1A2, etc.), then the reference designator on the illustration. For example, the complete reference designator for R25 on the Exciter PWB Assy is 1A1A1 R25.

Figure & Index Number	Part Number	FSCM	Description							Units Per Assy	Usable On Code	SMR Code
			1	2	3	4	5	6	7			
7-16-	10085-4000	14304	CIRCUIT CARD ASSY,A1A5							1		PAOLD
- 1	65474-001	00779	. JUMPER,ELEC							1		XB
- 2	MS3367-4-9	96906	. STRAP,TIE DOWN							8		PAOZZ
- 3	MC1733L	04713	. MICROCIRCUIT							1		PADZZ
- 4	MC1558U	04713	. MICROCIRCUIT							1		PADZZ
- 5	CU31E600	81349	. CAPACITOR,VARIABLE							1		PADZZ
- 6	DV11PS25B	73899	. CAPACITOR,VARIABLE							4		PADZZ
- 7	CV31B250	16546	. CAPACITOR,VARIABLE							4		PADZZ
- 8	CK06BX104K	81349	. CAPACITOR,FXD,CER							44		PADZZ
- 9	CMR05F151GODR	81349	. CAPACITOR,FXD,MICA							5		PADZZ
- 10	CMR05F181GODR	81349	. CAPACITOR,FXD,MICA							8		PADZZ
- 11	CM05FD181G03	81349	. CAPACITOR,FXD,MICA							8		PADZZ
- 12	DM-15-500J	00853	. CAPACITOR,FXD,MICA							2		PADZZ
- 13	CM05FD910G03	81349	. CAP,FXD MICA							1		PADZZ
- 14	CM05FD361G03	81349	. CAPACITOR,FXD,MICA							5		PADZZ
- 15	CM05FD331G03	81349	. CAPACITOR,FXD,MICA							4		PADZZ
- 16	CMR05F301GODR	81349	. CAPACITOR,FXD,MICA							2		PADZZ
- 17	DM15F431-G	72136	. CAPACITOR,FXD,MICA							1		PADZZ
- 18	CM05ED820G03	81349	. CAP,FXD MICA							7		PADZZ
- 19	CMR05F111GODR	81349	. CAPACITOR,FXD,MICA							7		PADZZ
- 20	CM05FD111G03	81349	. CAPACITOR,FXD,MICA							7		PADZZ
- 21	CMR05F201GODR	81349	. CAPACITOR,FXD,MICA							6		PADZZ
- 22	CMR05F221GODR	81349	. CAPACITOR,FXD,MICA							6		PADZZ
- 23	DM-15-250J	00853	. CAPACITOR,FXD,MICA							2		PADZZ
- 24	CM05FD201G03	81349	. CAPACITOR,FXD,MICA							6		PADZZ
- 25	CM05FD221G03	81349	. CAPACITOR,FXD,MICA							6		PADZZ
- 26	CMR05F241GODR	81349	. CAPACITOR,FXD,MICA							1		PADZZ
- 27	CM05ED560G03	81349	. CAPACITOR,FXD,MICA							2		PADZZ
- 28	CM05ED680G03	81349	. CAP,FXD MICA							14		PADZZ
- 29	CMR05F131GODR	81349	. CAPACITOR,FXD,MICA							5		PADZZ
- 30	CM05FD151G03	81349	. CAPACITOR,FXD,MICA							5		PADZZ
- 31	CM05FD131G03	81349	. CAPACITOR,FXD,MICA							5		PADZZ
- 32	CM05FD121G03	81349	. CAPACITOR,FXD,MICA							5		PADZZ
- 33	CMR05E300GODR	81349	. CAPACITOR,FXD,MICA							3		PADZZ
- 34	CMR05E470GODR	81349	. CAPACITOR,FXD,MICA							7		PADZZ
- 35	CM05ED470G03	81349	. CAPACITOR,FXD,MICA							7		PADZZ
- 36	CMR05E430GODR	81349	. CAPACITOR,FXD,MICA							8		PADZZ
- 37	CM05ED430G03	81349	. CAPACITOR,FXD,MICA							8		PADZZ
- 38	CM05ED750G03	81349	. CAP,FXD MICA							3		PADZZ
- 39	DM-15-20J	00853	. CAPACITOR,FXD,MICA							9		PADZZ
- 40	CM05ED270G03	81349	. CAP FXD MICA							2		PADZZ
- 41	DM-15-24J	00853	. CAPACITOR,FXD,MICA							6		PADZZ
- 42	CK06BX103K	81349	. CAPACITOR,FXD,CER							5		PADZZ
- 43	CMR05E390GODR	81349	. CAPACITOR,FXD,MICA							5		PADZZ
- 44	CM05ED390G03	81349	. CAPACITOR,FXD,MICA							5		PADZZ

Figure & Index Number	Part Number	FSCM	Description							Units Per Assy	Usable On Code	SMR Code
			1	2	3	4	5	6	7			
- 45	CM05FD301G03	81349	.	CAPACITOR	,FXD	,MICA				2		PADZZ
- 46	CMR05C5R0D0DR	81349	.	CAPACITOR	,FXD	,MICA				1		PADZZ
- 47	DM-15-18J	00853	.	CAPACITOR	,FXD	,MICA				7		PADZZ
- 48	CM05ED300G03	81349	.	CAPACITOR	,FXD	,MICA				3		PADZZ
- 49	CMR05C100D0DR	81349	.	CAPACITOR	,FXD	,MICA				2		PADZZ
- 50	CM05CD100D03	81349	.	CAPACITOR	,FXD	,MICA				2		PADZZ
- 51	MCM01-007EC670G0	61306	.	CAPACITOR	,FXD	,CER				2		PADZZ
- 52	T392C106M025AS	31433	.	CAP	,FXD	,ELCTLT				1		PADZZ
- 53	O831000COG0120G	18796	.	CAPACITOR	,FXD	,CER				1		PADZZ
- 54	CK05BX102K	81349	.	CAPACITOR	,FXD	,CER				2		PADZZ
- 55	MCM01-007FC1420G0	61306	.	CAPACITOR	,FXD	,CER				1		PADZZ
- 56	CK05BX471K	81349	.	CAPACITOR	,FXD	,CER				2		PADZZ
- 57	CMR06F222G0DR	81349	.	CAPACITOR	,FXD	,MICA				2		PADZZ
- 58	CM06FD821J03	81349	.	CAPACITOR	,FXD	,MICA				1		PADZZ
- 59	CM06FD222J03	81349	.	CAPACITOR	,FXD	,MICA				2		PADZZ
- 60	JAN1N4454	81349	.	SEMICOND DEVICE	,DIO					11		PADZZ
- 61	JAN1N5711	81349	.	SEMICOND DEVICE	,DIO					3		PADZZ
- 62	4520000	96238	.	ARRESTOR	,SURGE	,ELEC				1		PADZZ
- 63	700-209-NP	50173	.	CONNECTOR	,PLUG	,ELEC				4		PADZZ
- 64	609-3427	15912	.	CONNECTOR	,RCPT	,ELEC				1		PADZZ
- 65	22-11-2032	27264	.	CONN RECP	ELECT					1		PADZZ
- 66	65499-103	22526	.	TEST POINT						1		XB
- 67	MP-1142	14304	.	JUMPER	,ELEC					1		PADZZ
- 68	NT1-DC12V	61529	.	RELAY						14		PADZZ
- 69	1A12A	21317	.	RELAY						1		PADZZ
- 70	10077	81564	.	COIL	,RF					1		PADZZ
- 71	10078	81564	.	COIL	,RF					1		PADZZ
- 72	10245	81564	.	COIL	,RF					1		PADZZ
- 73	10079	81564	.	COIL	,RF					1		PADZZ
- 74	10080	81564	.	COIL	,RF					1		PADZZ
- 75	10081	81564	.	COIL	,RF					1		PADZZ
- 76	10082	81564	.	COIL	,RF					1		PADZZ
- 77	10083	81564	.	COIL	,RF					1		PADZZ
- 78	10084	81564	.	COIL	,RF					1		PADZZ
- 79	10085-4030	14304	.	COIL	,RF					1		PADZZ
- 80	10085-4031	14304	.	COIL	,RF					1		PADZZ
- 81	10085-4032	14304	.	COIL	,RF					1		PADZZ
- 82	10088	81564	.	COIL	,RF					1		PADZZ
- 83	10089	81564	.	COIL	,RF					1		PADZZ
- 84	10175	81564	.	COIL	,RF					1		PADZZ
- 85	10085-4033	14304	.	COIL	,RF					1		PADZZ
- 86	10085-4034	14304	.	COIL	,RF					1		PADZZ
- 87	10085-4035	14304	.	COIL	,RF					1		PADZZ
- 88	10085-4020	14304	.	COIL	,RF					2		PADZZ
- 89	MS14046-8	96906	.	COIL	,RF					4		PADZZ
- 90	MS90541-5	96906	.	COIL	,RF					1		PADZZ
- 91	MS75084-12	96906	.	COIL	,RF					8		PADZZ
- 92	10085-4022	14304	.	COIL	,RF					1		PADZZ
- 93	MS90538-12	96906	.	COIL	,RF					2		PADZZ
- 94	MS75083-5	96906	.	COIL	RF					1		PADZZ
- 95	JAN2N2907A	81349	.	TRANSISTOR						2		PADZZ

Figure & Index Number	Part Number	FSCM	Description							Units Per Assy	Usable On Code	SMR Code
			1	2	3	4	5	6	7			
- 96	JAN2N2222A	81349	.	TRANSISTOR						2		PADZZ
- 97	U310	04713	.	TRANSISTOR						1		PADZZ
- 98	3386B-1-501	32997	.	RESISTOR, VARIABLE						1		PADZZ
- 99	CF07-104J	78488	.	RESISTOR, FXD, COMP						2		PADZZ
-100	CF07-221J	78488	.	RESISTOR, FXD, COMP						2		PADZZ
-101	CF07-101J	78488	.	RESISTOR, FXD, COMP						3		PADZZ
-102	CF07-682J	78488	.	RESISTOR, FXD, COMP						2		PADZZ
-103	CF07-122J	78488	.	RESISTOR, FXD, COMP						1		PADZZ
-104	CF07-471J	78488	.	RESISTOR, FXD, COMP						4		PADZZ
-105	CF07-103J	78488	.	RESISTOR, FXD, COMP						5		PADZZ
-106	CF07-510J	78488	.	RESISTOR, FXD, COMP						2		PADZZ
-107	CF07-154J	78488	.	RESISTOR, FXD, COMP						1		PADZZ
-108	RNC60K56R2FS	81349	.	RESISTOR, FXD, FILM						2		PADZZ
-109	RN60D56R2F	81349	.	RESISTOR, FXD, FILM						2		PADZZ
-110	3299W-1-103	32997	.	RESISTOR, VARIABLE						1		PADZZ
-111	RJR24FW202P	81349	.	RESISTOR, VARIABLE						1		PADZZ
-112	RNC55K1212FS	81349	.	RESISTOR, FXD, FILM						1		PADZZ
-113	CF07-474J	78488	.	RESISTOR, FXD, COMP						1		PADZZ
-114	RN55D8251F	81349	.	RESISTOR, FXD, FILM						1		PADZZ
-115	CF07-821J	78488	.	RESISTOR, FXD, COMP						1		PADZZ
-116	CF07-391J	78488	.	RESISTOR, FXD, COMP						1		PADZZ
-117	CF07-272J	78488	.	RESISTOR, FXD, COMP						8		PADZZ
-118	CF07-222J	78488	.	RESISTOR, FXD, COMP						1		PADZZ
-119	RNC55K5761FS	81349	.	RESISTOR, FXD, FILM						1		PADZZ
-120	RCR42G103JS	81349	.	RESISTOR, FXD, COMP						1		PADZZ
-121	RN55D6812F	81349	.	RESISTOR, FXD, FILM						2		PADZZ
-122	CF07-332J	78488	.	RESISTOR, FXD, COMP						1		PADZZ
-123	CF07-102J	78488	.	RESISTOR, FXD, COMP						2		PADZZ
-124	KT45J3	15801	.	THERMISTOR						1		PADZZ
-125	10085-4010	14304	.	TRANSFORMER, RF						1		PADZZ
-126	105-0858-001	74970	.	JACK, TIP						1		PADZZ
-127	105-0852-001	74970	.	JACK, TIP						1		PADZZ
-128	105-0856-001	74970	.	JACK, TIP						1		PADZZ
-129	ULQ-2003R	56289	.	MICROCIRCUIT						1		PADZZ
-130	6911-3102	14304	.	CRYSTAL						1		PADZZ
-131	10085-4009	14304	.	CIRCUIT CARD						1		XA
-132	MS35338-135	96906	.	WASHER, SPLIT (AP)						9		PADZZ
-133	6611-0135	14304	.	RETAINER, SCREW						9		PADZZ
-134	10085-5156	14304	.	BUSHING						9		PADZZ
-135	MS51957-17	96906	.	SCREW, MACHINE (AP)						9		PADZZ

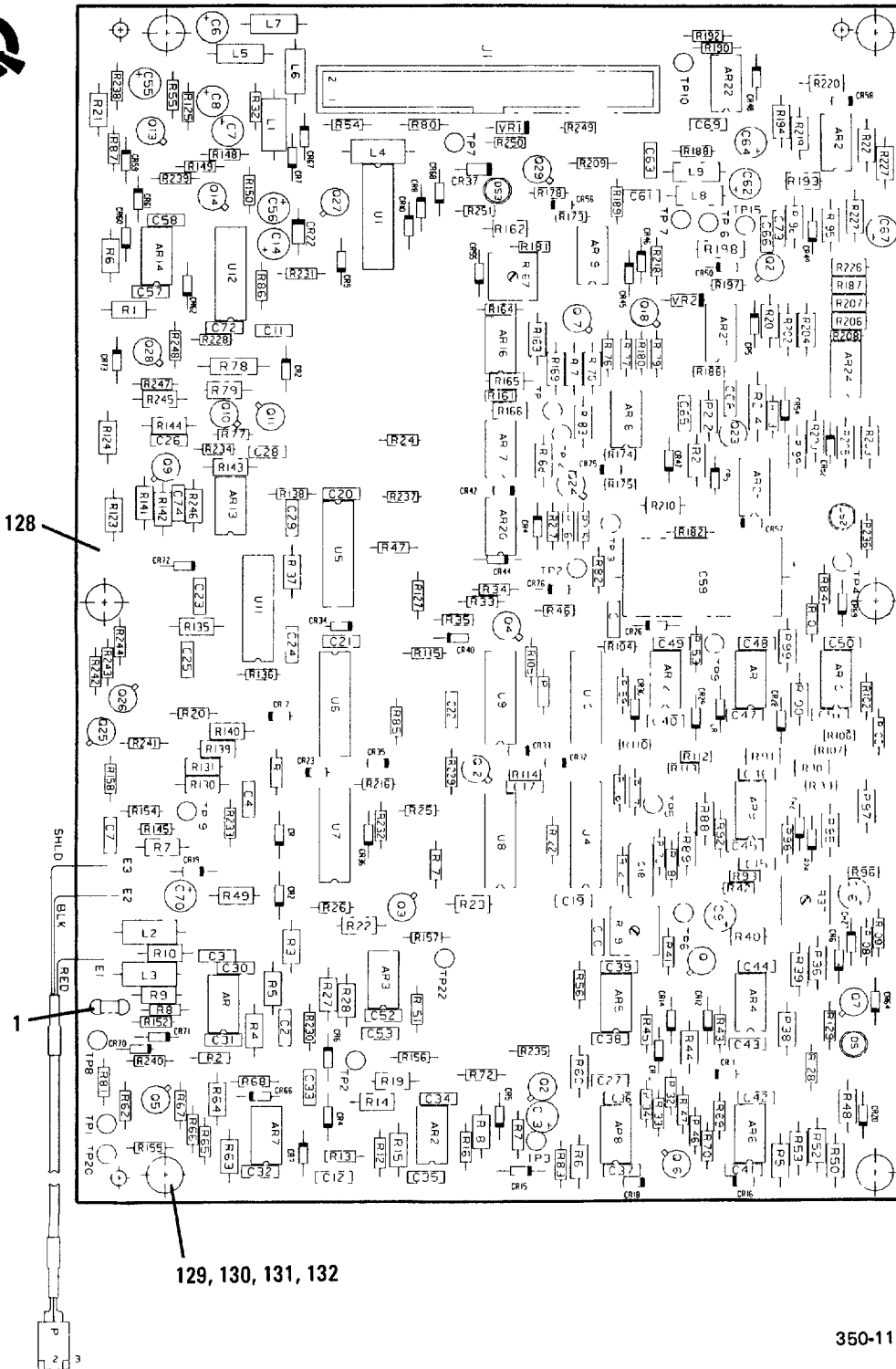


Figure 7-17. AGC/TGC PWB Assy, A1A6

NOTE

To find index numbers for circuit board components, use the reference designator index at the end of this chapter. The complete reference designator for a circuit board component consists of "1," followed by the assembly designator (A1A1, A1A2, etc.), then the reference designator on the illustration. For example, the complete reference designator for R25 on the Exciter PWB Assy is 1A1A1 R25.

Figure & Index Number	Part Number	FSCM	Description							Units Per Assy	Usable On Code	SMR Code
			1	2	3	4	5	6	7			
7-17-	10085-5250	14304	CIRCUIT CARD ASSY,A1A6							1		PAODD
- 1	MS3367-4-9	96906	. STRAP,TIE DOWN							1		PADZZ
- 2	MC1558U	04713	. MICROCIRCUIT							22		PADZZ
- 3	TL071MJG	01295	. MICROCIRCUIT							2		PADZZ
- 4	CK05BX471K	81349	. CAPACITOR,FXD,CER							4		PADZZ
- 5	CK06BX104K	81349	. CAPACITOR,FXD,CER							12		PADZZ
- 6	T392C106M025AS	31433	. CAP,FXD,ELCTLT							13		PADZZ
- 7	CK06BX103K	81349	. CAPACITOR,FXD,CER							38		PADZZ
- 8	CK05BX102K	81349	. CAPACITOR,FXD,CER							1		PADZZ
- 9	CM05FD391J03	81349	. CAPACITOR,FXD,MICA							1		PADZZ
- 10	106JP5RWD1250	19396	. CAPACITOR,FXD,PLSTC							1		PADZZ
- 11	M39014/02-1347	81349	. CAPACITOR,FXD,CER							1		PADZZ
- 12	JAN1N4454	81349	. SEMICOND DEVICE,DIO							69		PADZZ
- 13	JAN1N3611	81349	. SEMICOND DEVICE,DIO							2		PADZZ
- 14	HLMP-3301	50434	. LED							3		PADZZ
- 15	HLMP-3401	50434	. LED							1		PADZZ
- 16	5082-4655	01295	. LED							1		PADZZ
- 17	500-5027-E	15912	. CONNECTOR,RCPT,ELEC							1		PADZZ
- 18	MS90539-15	96906	. COIL,RF							1		PADZZ
- 19	MS90539-3	96906	. COIL,RF							3		PADZZ
- 20	MS14046-8	96906	. COIL,RF							5		PADZZ
- 21	08-56-0110	27264	. CONTACT ELECTRICAL							3		PADZZ
- 22	22-01-3037	27264	. CONNECTOR,PLUG,ELEC							1		PADZZ
- 23	2N5566	80131	. TRANSISTOR							2		PADZZ
- 24	JAN2N2222A	81349	. TRANSISTOR							16		PADZZ
- 25	JAN2N2907A	81349	. TRANSISTOR							5		PADZZ
- 26	RNC55K1003FS	81349	. RESISTOR,FXD,FILM							5		PADZZ
- 27	CF07-333J	78488	. RESISTOR,FXD,COMP							4		PADZZ
- 28	RN55D6812F	81349	. RESISTOR,FXD,FILM							5		PADZZ
- 29	RN55D3323F	81349	. RESISTOR,FXD,FILM							3		PADZZ
- 30	RN55D1003F	81349	. RESISTOR,FXD,FILM							5		PADZZ
- 31	RNC55K2742FS	81349	. RESISTOR,FXD,FILM							1		PADZZ
- 32	CF07-222J	78488	. RESISTOR,FXD,COMP							9		PADZZ
- 33	CF07-682J	78488	. RESISTOR,FXD,COMP							2		PADZZ
- 34	RN55D1002F	81349	. RESISTOR,FXD,FILM							21		PADZZ
- 35	RNC55K1402FS	81349	. RESISTOR,FXD,FILM							2		PADZZ
- 36	CF07-473J	78488	. RESISTOR,FXD,COMP							7		PADZZ
- 37	CF07-103J	78488	. RESISTOR,FXD,COMP							37		PADZZ
- 38	RN55D2432F	81349	. RESISTOR,FXD,FILM							3		PADZZ
- 39	RN55D3322F	81349	. RESISTOR,FXD,COMP							3		PADZZ
- 40	RN55D4422F	81349	. RESISTOR,FXD,FILM							3		PADZZ
- 41	RNC55K2671FS	81349	. RESISTOR,FXD,FILM							1		PADZZ
- 42	CF07-472J	78488	. RESISTOR,FXD,COMP							7		PADZZ
- 43	RNC55K3162FS	81349	. RESISTOR,FXD,FILM							1		PADZZ
- 44	CF07-223J	78488	. RESISTOR,FXD,COMP							8		PADZZ

Figure & Index Number	Part Number	FSCM	Description							Units Per Assy	Usable On Code	SMR Code
			1	2	3	4	5	6	7			
- 45	RNC55K6191FS	81349	.	RESISTOR	,FXD	,FILM				1		PADZZ
- 46	3386F-1-102	32997	.	RESISTOR	,VARIABLE					1		PADZZ
- 47	RNC55K6811FS	81349	.	RESISTOR	,FXD	,FILM				1		PADZZ
- 48	RN55D2211F	81349	.	RESISTOR	,FXD	,FILM				4		PADZZ
- 49	CF07-104J	78488	.	RESISTOR	,FXD	,COMP				11		PADZZ
- 50	CF07-101J	78488	.	RESISTOR	,FXD	,COMP				4		PADZZ
- 51	RNC55K5901FS	81349	.	RESISTOR	,FXD	,FILM				2		PADZZ
- 52	RNC55K1782FS	81349	.	RESISTOR	,FXD	,FILM				1		PADZZ
- 53	RNC55K5112FS	81349	.	RESISTOR	,FXD	,FILM				1		PADZZ
- 54	CF07-561J	78488	.	RESISTOR	,FXD	,COMP				3		PADZZ
- 55	RN55D1212F	81349	.	RESISTOR	,FXD	,FILM				3		PADZZ
- 56	RNC55K3321FS	81349	.	RESISTOR	,FXD	,FILM				1		PADZZ
- 57	CF07-474J	78488	.	RESISTOR	,FXD	,COMP				1		PADZZ
- 58	CF07-272J	78488	.	RESISTOR	,FXD	,COMP				1		PADZZ
- 59	CF07-102J	78488	.	RESISTOR	,FXD	,COMP				11		PADZZ
- 60	CF07-334J	78488	.	RESISTOR	,FXD	,COMP				3		PADZZ
- 61	ERD50TJ271	54473	.	RESISTOR	,FXD	,COMP				1		PADZZ
- 62	CF07-100J	78488	.	RESISTOR	,FXD	,COMP				4		PADZZ
- 63	CF07-224J	78488	.	RESISTOR	,FXD	,COMP				1		PADZZ
- 64	CF07-471J	78488	.	RESISTOR	,FXD	,COMP				2		PADZZ
- 65	RNC55K2210FS	81349	.	RESISTOR	FXD	FILM				1		PADZZ
- 66	CF07-105J	78488	.	RESISTOR	,FXD	,COMP				2		PADZZ
- 67	CF07-562J	78488	.	RESISTOR	,FXD	,COMP				6		PADZZ
- 68	CF07-183J	78488	.	RESISTOR	,FXD	,COMP				2		PADZZ
- 69	CF07-184J	78488	.	RESISTOR	,FXD	,COMP				1		PADZZ
- 70	3386F-1-203	32997	.	RESISTOR	,VARIABLE					1		PADZZ
- 71	RN55D1503F	81349	.	RESISTOR	,FXD	,FILM				1		PADZZ
- 72	RNC55K2002FS	81349	.	RESISTOR	FXD	FILM				1		PADZZ
- 73	RN55D1652F	81349	.	RESISTOR	,FXD	,FILM				1		PADZZ
- 74	RNC55K4991FS	81349	.	RESISTOR	,FXD	,FILM				2		PADZZ
- 75	RNC55K4751FS	81349	.	RESISTOR	,FXD	,FILM				2		PADZZ
- 76	RN55D4751F	81349	.	RESISTOR	,FXD	,FILM				2		PADZZ
- 77	RN55D1332F	81349	.	RESISTOR	,FXD	,FILM				1		PADZZ
- 78	3386F-1-103	32997	.	RESISTOR	,VARIABLE					1		PADZZ
- 79	RN55D5901F	81349	.	RESISTOR	,FXD	,FILM				2		PADZZ
- 80	RN55D8251F	81349	.	RESISTOR	,FXD	,FILM				1		PADZZ
- 81	RNC55K2263FS	81349	.	RESISTOR	,FXD	,FILM				1		PADZZ
- 82	RN55D1824F	81349	.	RESISTOR	,FXD	,FILM				1		PADZZ
- 83	CF07-273J	78488	.	RESISTOR	,FXD	,COMP				4		PADZZ
- 84	CF07-153J	78488	.	RESISTOR	,FXD	,COMP				1		PADZZ
- 85	RN55D7501F	81349	.	RESISTOR	,FXD	,FILM				1		PADZZ
- 86	CF07-563J	78488	.	RESISTOR	,FXD	,COMP				1		PADZZ
- 87	CF07-681J	78488	.	RESISTOR	,FXD	,COMP				2		PADZZ
- 88	RN55D1402F	81349	.	RESISTOR	,FXD	,FILM				2		PADZZ
- 89	ERD50TJ331	54473	.	RESISTOR	,FXD	,COMP				2		PADZZ
- 90	RNC55K5232FS	81349	.	RESISTOR	,FXD	,FILM				1		PADZZ
- 91	RNC55K1622FS	81349	.	RESISTOR	,FXD	,FILM				1		PADZZ
- 92	RNC55K1302FS	81349	.	RESISTOR	,FXD	,FILM				1		PADZZ
- 93	RNC55K6192FS	81349	.	RESISTOR	,FXD	,FILM				1		PADZZ
- 94	RNC55K1743FS	81349	.	RESISTOR	,FXD	,FILM				1		PADZZ
- 95	CF07-221J	78488	.	RESISTOR	,FXD	,COMP				3		PADZZ

Figure & Index Number	Part Number	FSCM	Description							Units Per Assy	Usable On Code	SMR Code
			1	2	3	4	5	6	7			
- 96	RNC55K1822FS	81349	.	RESISTOR	,FXD	,FILM				1		PADZZ
- 97	RNC55K4122FS	81349	.	RESISTOR	,FXD	,FILM				1		PADZZ
- 98	CF07-151J	78488	.	RESISTOR	,FXD	,COMP				1		PADZZ
- 99	RNC55K1303FS	81349	.	RESISTOR	,FXD	,COMP				1		PADZZ
-100	RNC55K5622FS	81349	.	RESISTOR	,FXD	,COMP				1		PADZZ
-101	RNC55K9090FS	81349	.	RESISTOR	,FXD	,COMP				1		PADZZ
-102	RN55D6980F	81349	.	RESISTOR	,FXD	,FILM				1		PADZZ
-103	CF07-121J	78488	.	RESISTOR	,FXD	,COMP				1		PADZZ
-104	CF07-821J	78488	.	RESISTOR	,FXD	,COMP				2		PADZZ
-105	RN55D1821F	81349	.	RESISTOR	FXD	FILM				1		PADZZ
-106	RN55D4991F	81349	.	RESISTOR	,FXD	,FILM				2		PADZZ
-107	105-0858-001	74970	.	JACK	,TIP					3		PADZZ
-108	105-0852-001	74970	.	JACK	,TIP					3		PADZZ
-109	105-0856-001	74970	.	JACK	,TIP					2		PADZZ
-110	105-0857-001	74970	.	JACK	,TIP					1		PADZZ
-111	105-854	74970	.	JACK	,TIP					2		PADZZ
-112	105-0860-001	74970	.	JACK	,TIP					2		PADZZ
-113	105-0862-001	74970	.	JACK	,TIP					2		PADZZ
-114	105-0864-001	74970	.	JACK	,TIP					1		PADZZ
-115	105-0851-001	74970	.	JACK	,TIP					2		PADZZ
-116	105-0853-001	74970	.	JACK	,TIP					2		PADZZ
-117	105-0854-001	74970	.	JACK	,TIP					2		PADZZ
-118	CD4094BF	02735	.	MICROCIRCUIT						1		PADZZ
-119	CD4536BF	02735	.	MICROCIRCUIT						1		PADZZ
-120	CD4516BF	02735	.	MICROCIRCUIT						2		PADZZ
-121	7901101CB	14933	.	MICROCIRCUIT						1		PADZZ
-122	CD4030BF	02735	.	MICROCIRCUIT						2		PADZZ
-123	CD4012BF	02735	.	MICROCIRCUIT						1		PADZZ
-124	CD4011BD/3	02735	.	MICROCIRCUIT						1		PADZZ
-125	DAC-08F	18324	.	MICROCIRCUIT						1		PADZZ
-126	JAN1N966B	81349	.	SEMICOND DEVICE	DIO					1		PADZZ
-127	JAN1N759A	81349	.	SEMICOND DEVICE	,DIO					1		PADZZ
-128	10085-5259	14304	.	CIRCUIT CARD						1		XA
-129	6611-0135	14304	.	RETAINER	,SCREW					6		PADZZ
-130	10085-5156	14304	.	BUSHING						6		PADZZ
-131	MS51957-17	96906	.	SCREW	,MACHINE (AP)					6		PADZZ
-132	MS35338-135	96906	.	WASHER	,SPLIT (AP)					6		PADZZ

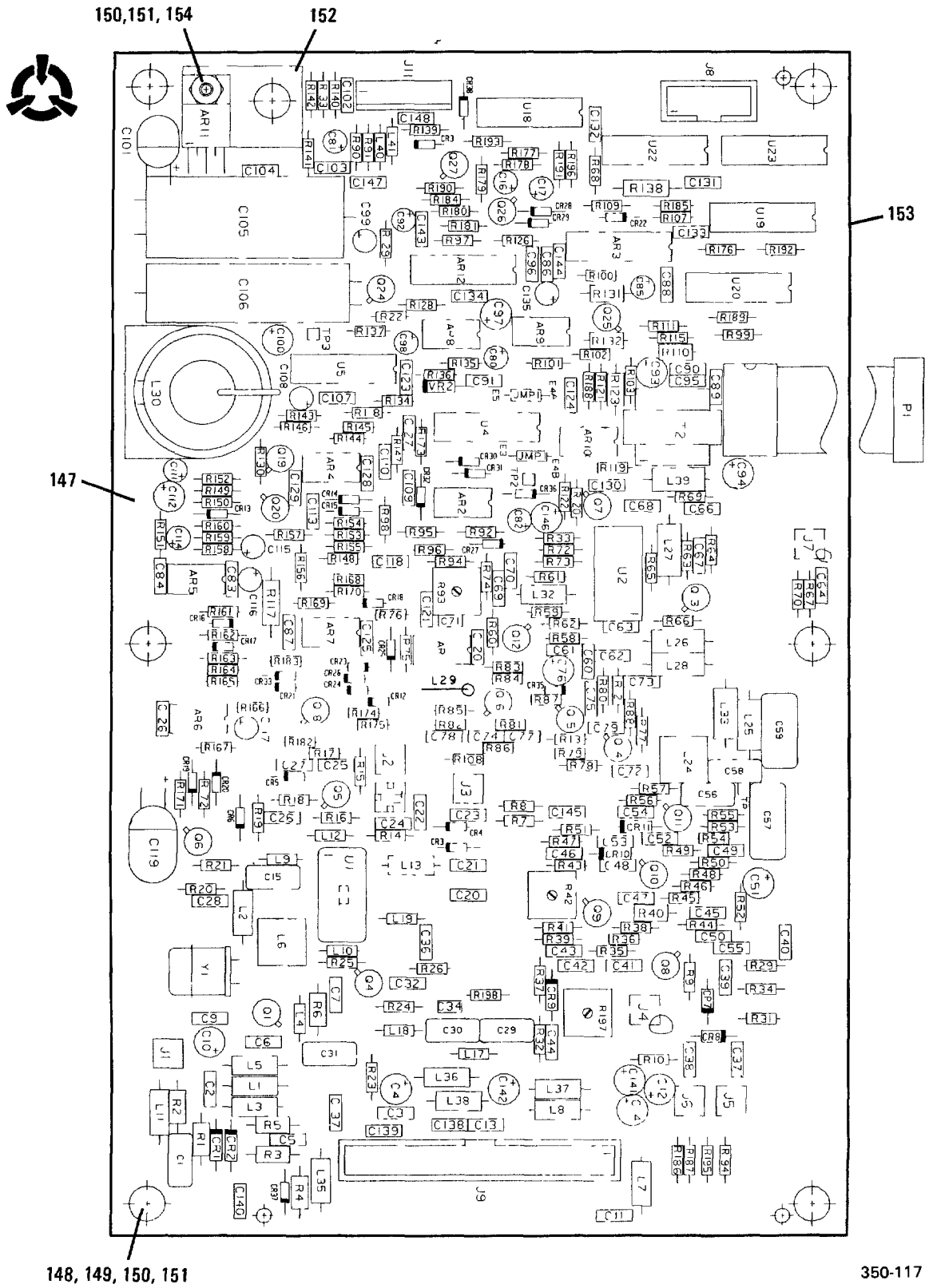


Figure 7-18. Receiver PWB Assy, A1A7

NOTE

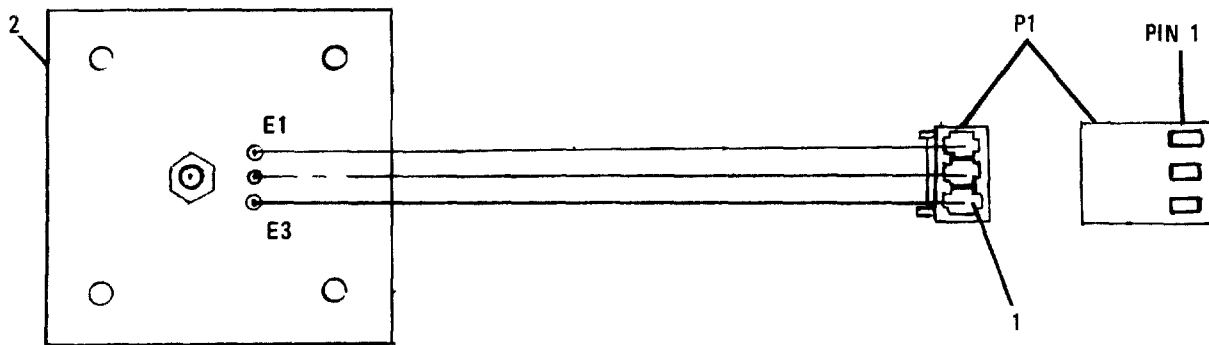
To find index numbers for circuit board components, use the reference designator index at the end of this chapter. The complete reference designator for a circuit board component consists of "1," followed by the assembly designator (A1A1, A1A2, etc.), then the reference designator on the illustration. For example, the complete reference designator for R25 on the Exciter PWB Assy is 1A1A1 R25.

Figure & Index Number	Part Number	FSCM	Description							Units Per Assy	Usable On Code	SMR Code
			1	2	3	4	5	6	7			
7-18-	10085-5200	14304	CIRCUIT CARD ASSY, A1A7							1		PAOLD
- 1	TL071MJG	01295	. MICROCIRCUIT							1		PADZZ
- 2	MC1558U	04713	. MICROCIRCUIT							8		PADZZ
- 3	SA571F	18324	. MICROCIRCUIT							2		PADZZ
- 4	TDA2002H	04713	. MICROCIRCUIT							1		PADZZ
- 5	CM05ED270G03	81349	. CAP FXD MICA							1		PADZZ
- 6	CK06BX103K	81349	. CAPACITOR, FXD, CER							17		PADZZ
- 7	T392C106M025AS	31433	. CAP, FXD, ELCTLT							15		PADZZ
- 8	DR10DB689J	93958	. CAPACITOR, FXD, CER							1		PADZZ
- 9	CM05FD910G03	81349	. CAP, FXD MICA							1		PADZZ
- 10	T392B225K025AS	31433	. CAP FXD ELECTLT							2		PADZZ
- 11	T392B225M025AS	31433	. CAP FXD ELECTLT							2		PADZZ
- 12	C13-0103-102	14304	. CAP FXD MICA							1		PADZZ
- 13	CK05BX101K	81349	. CAPACITOR, FXD, CER							1		PADZZ
- 14	CK06BX474K	81349	. CAPACITOR, FXD, CER							34		PADZZ
- 15	CK06BX104K	81349	. CAPACITOR, FXD, CER							28		PADZZ
- 16	CMR05E510G0DR	81349	. CAPACITOR, FXD, MICA							1		PADZZ
- 17	CM05ED560G03	81349	. CAPACITOR, FXD, MICA							1		PADZZ
- 18	CMR05E360G0DR	81349	. CAPACITOR, FXD, MICA							1		PADZZ
- 19	CMR05E220J0DR	81349	. CAPACITOR, FXD, MICA							1		PADZZ
- 20	CK05BX102K	81349	. CAPACITOR, FXD, CER							4		PADZZ
- 21	CK06BX223K	81349	. CAPACITOR, FXD, CER							2		PADZZ
- 22	CM05FD181G03	81349	. CAPACITOR, FXD, MICA							1		PADZZ
- 23	CMR06F112G0DR	81349	. CAPACITOR, FXD, MICA							1		PADZZ
- 24	CM05ED680G03	81349	. CAP, FXD MICA							1		PADZZ
- 25	CMR06F122G0DR	81349	. CAPACITOR, FXD, MICA							1		PADZZ
- 26	M39014/02-1331	81349	. CAPACITOR, FXD, CER							1		PADZZ
- 27	M39014/02-1322	81349	. CAPACITOR, FXD, CER							1		PADZZ
- 28	CK06BX224K	81349	. CAPACITOR, FXD, CER							3		PADZZ
- 29	M39014/02-1329	81349	. CAPACITOR, FXD, CER							1		PADZZ
- 30	T392B335M025AS	31433	. CAP, FXD, ELCTLT							8		PADZZ
- 31	T392C335M035AS	31433	. CAP, FXD, ELCTLT							3		PADZZ
- 32	T392B155M035AS	31433	. CAP, FXD, ELCTLT							2		PADZZ
- 33	T392F157M016AS	31433	. CAP, FXD ELECTLT							1		PADZZ
- 34	M39014/02-1354	81349	. CAPACITOR, FXD, CER							1		PADZZ
- 35	672D128H025FV5J	56289	. CAP, FXD, ELCTLT							1		PADZZ
- 36	672D477H025DS5J	56289	. CAPACITOR, FXD, ALUM							1		PADZZ
- 37	CDT. 22-35	31433	. CAP, FXD, ELCTLT							3		PADZZ
- 38	TAPF10K50	61725	. CAP, FXD, ELCTLT							1		PADZZ
- 39	CK05BX221K	81349	. CAPACITOR, FXD, CER							2		PADZZ
- 40	CK06BX222K	81349	. CAPACITOR, FXD, CER							1		PADZZ
- 41	UM9301	15969	. SEMICOND DEVICE, DIO							5		PADZZ
- 42	5082-3168	98734	. SEMICOND DEVICE, DIO							4		PADZZ
- 43	JAN1N4454	81349	. SEMICOND DEVICE, DIO							29		PADZZ
- 44	J-0031	14304	. CONNECTOR, PLUG, ELEC							5		PADZZ

Figure & Index Number	Part Number	FSCM	Description							Units Per Assy	Usable On Code	SMR Code
			1	2	3	4	5	6	7			
- 45	CA3028S	02735	.	CONNECTOR, PLUG, ELEC						5		PADZZ
- 46	11-0050-00C	58167	.	CONNECTOR, PLUG, ELEC						2		PADZZ
- 47	609-1027	15912	.	CONNECTOR, RCPT, ELEC						1		PADZZ
- 48	500-4027-E	59730	.	CONNECTOR, RCPT, ELEC						1		PADZZ
- 49	22-11-2082	27264	.	CONNECTOR, RCPT, ELEC						1		PADZZ
- 50	MP-1142	14304	.	JUMPER, ELEC						1		PADZZ
- 51	MS14046-8	96906	.	COIL, RF						4		PADZZ
- 52	MS18130-2	96906	.	COIL RF						1		PADZZ
- 53	MS75084-16	96906	.	COIL, RF						1		PADZZ
- 54	8966	81564	.	COIL, RF						1		PADZZ
- 55	MS14046-1	96906	.	COIL, RF						5		PADZZ
- 56	MS75083-1	96906	.	COIL RF						2		PADZZ
- 57	MS75083-6	96906	.	COIL RF						1		PADZZ
- 58	MS18130-5	96906	.	COIL, RF						1		PADZZ
- 59	2743002122	34899	.	FERRITE BEAD ASSY						1		PADZZ
- 60	MS75083-7	96906	.	COIL, RF						2		PADZZ
- 61	MS75083-10	96906	.	COIL, RF						1		PADZZ
- 62	9200	81564	.	COIL, RF						1		PADZZ
- 63	LT10K227	81349	.	COIL RF						1		PADZZ
- 64	MS90539-3	96906	.	COIL, RF						4		PADZZ
- 65	MS75089-10	96906	.	COIL, RF						1		PADZZ
- 66	MS75089-13	96906	.	COIL, RF						1		PADZZ
- 67	10085-5212	14304	.	COIL, RF						1		PADZZ
- 68	MS90538-3	96906	.	COIL, RF						1		PADZZ
- 69	MS75087-7	96906	.	COIL, RF						2		PADZZ
- 70	10085-0327	14304	.	CABLE ASSY, RF						1		PAOZZ
- 71	U310	04713	.	TRANSISTOR						2		PADZZ
- 72	JAN2N2369A	81349	.	TRANSISTOR						1		PADZZ
- 73	JAN2N2222A	81349	.	TRANSISTOR						13		PADZZ
- 74	3N187	80131	.	TRANSISTOR						1		PADZZ
- 75	JAN2N4091	81349	.	TRANSISTOR						2		PADZZ
- 76	JAN2N2907A	81349	.	TRANSISTOR						1		PADZZ
- 77	2N4392	80131	.	TRANSISTOR						1		PADZZ
- 78	RN55D27R4F	81349	.	RESISTOR FXD FILM						1		PADZZ
- 79	RN55D1821F	81349	.	RESISTOR FXD FILM						1		PADZZ
- 80	RN55D6980F	81349	.	RESISTOR, FXD, FILM						1		PADZZ
- 81	RN55D2431F	81349	.	RESISTOR, FXD, FILM						1		PADZZ
- 82	RN55D3010F	81349	.	RESISTOR, FXD, FILM						1		PADZZ
- 83	RNC55K1820FS	81349	.	RESISTOR, FXD, FILM						1		PADZZ
- 84	CF07-122J	78488	.	RESISTOR, FXD, COMP						10		PADZZ
- 85	CF07-183J	78488	.	RESISTOR, FXD, COMP						2		PADZZ
- 86	CF07-153J	78488	.	RESISTOR, FXD, COMP						3		PADZZ
- 87	CF07-103J	78488	.	RESISTOR, FXD, COMP						35		PADZZ
- 88	CF07-472J	78488	.	RESISTOR, FXD, COMP						8		PADZZ
- 89	CF07-561J	78488	.	RESISTOR, FXD, COMP						10		PADZZ
- 90	CF07-150J	78488	.	RESISTOR, FXD, COMP						1		PADZZ
- 91	CF07-471J	78488	.	RESISTOR, FXD, COMP						7		PADZZ
- 92	CF07-182J	78488	.	RESISTOR, FXD, COMP						1		PADZZ
- 93	CF07-221J	78488	.	RESISTOR, FXD, COMP						5		PADZZ
- 94	CF07-680J	78488	.	RESISTOR, FXD, COMP						2		PADZZ
- 95	CF07-181J	78488	.	RESISTOR, FXD, COMP						5		PADZZ

Figure & Index Number	Part Number	FSCM	Description							Units Per Assy	Usable On Code	SMR Code
			1	2	3	4	5	6	7			
- 96	CF07-473J	78488	.	.	.	.	.	.	.	9		PADZZ
- 97	CF07-101J	78488	.	.	.	.	.	.	.	7		PADZZ
- 98	RNC55K4750FS	81349	.	.	.	.	.	.	.	1		PADZZ
- 99	CF07-220J	78488	.	.	.	.	.	.	.	3		PADZZ
-100	63M501	02111	.	.	.	.	.	.	.	1		PADZZ
-101	CF07-152J	78488	.	.	.	.	.	.	.	3		PADZZ
-102	CF07-391J	78488	.	.	.	.	.	.	.	1		PADZZ
-103	CF07-562J	78488	.	.	.	.	.	.	.	1		PADZZ
-104	CF07-222J	78488	.	.	.	.	.	.	.	4		PADZZ
-105	CF07-470J	78488	.	.	.	.	.	.	.	2		PADZZ
-106	CF07-123J	78488	.	.	.	.	.	.	.	2		PADZZ
-107	CF07-102J	78488	.	.	.	.	.	.	.	8		PADZZ
-108	CF07-271J	78488	.	.	.	.	.	.	.	1		PADZZ
-109	CF07-223J	78488	.	.	.	.	.	.	.	3		PADZZ
-110	CF07-821J	78488	.	.	.	.	.	.	.	3		PADZZ
-111	CF07-100J	78488	.	.	.	.	.	.	.	1		PADZZ
-112	CF07-2R7J	78488	.	.	.	.	.	.	.	3		PADZZ
-113	3386F-1-503	32997	.	.	.	.	.	.	.	1		PADZZ
-114	CF07-682J	78488	.	.	.	.	.	.	.	1		PADZZ
-115	CF07-104J	78488	.	.	.	.	.	.	.	8		PADZZ
-116	CF07-683J	78488	.	.	.	.	.	.	.	1		PADZZ
-117	CF07-332J	78488	.	.	.	.	.	.	.	1		PADZZ
-118	RN55D6040F	81349	.	.	.	.	.	.	.	2		PADZZ
-119	ERD50TJ221	54473	.	.	.	.	.	.	.	1		PADZZ
-120	CF07-184J	78488	.	.	.	.	.	.	.	1		PADZZ
-121	CF07-331J	78488	.	.	.	.	.	.	.	1		PADZZ
-122	CF07-681J	78488	.	.	.	.	.	.	.	1		PADZZ
-123	CF07-154J	78488	.	.	.	.	.	.	.	1		PADZZ
-124	RN55D1002F	81349	.	.	.	.	.	.	.	2		PADZZ
-125	CF07-822J	78488	.	.	.	.	.	.	.	2		PADZZ
-126	ERD50TJ101	54473	.	.	.	.	.	.	.	1		PADZZ
-127	CF07-272J	78488	.	.	.	.	.	.	.	1		PADZZ
-128	CF07-124J	78488	.	.	.	.	.	.	.	1		PADZZ
-129	CF07-334J	78488	.	.	.	.	.	.	.	1		PADZZ
-130	CF07-273J	78488	.	.	.	.	.	.	.	1		PADZZ
-131	CF07-105J	78488	.	.	.	.	.	.	.	1		PADZZ
-132	CF07-393J	78488	.	.	.	.	.	.	.	4		PADZZ
-133	CF07-270J	78488	.	.	.	.	.	.	.	1		PADZZ
-134	CF07-224J	78488	.	.	.	.	.	.	.	1		PADZZ
-135	3386F-1-202	32997	.	.	.	.	.	.	.	1		PADZZ
-136	10085-5012	14304	.	.	.	.	.	.	.	1		PADZZ
-137	T2106	16741	.	.	.	.	.	.	.	1		PADZZ
-138	65499-101	22526	.	.	.	.	.	.	.	3		PADZZ
-139	SBL-1	15542	.	.	.	.	.	.	.	2		PADZZ
-140	CD4053BF	02735	.	.	.	.	.	.	.	2		PADZZ
-141	CD4094BF	02735	.	.	.	.	.	.	.	2		PADZZ
-142	CD4021BF	02735	.	.	.	.	.	.	.	1		PADZZ
-143	SN54LS368AJ	01295	.	.	.	.	.	.	.	1		PADZZ
-144	SN54LS138J	01295	.	.	.	.	.	.	.	1		PADZZ
-145	JAN1N750A	81349	.	.	.	.	.	.	.	1		PADZZ
-146	10085-5425	14304	.	.	.	.	.	.	.	1		PADZZ

Figure & Index Number	Part Number	FSCM	Description 1 2 3 4 5 6 7	Units	Usable	SMR Code
				Per Assy	On Code	
-147	10085-5209	14304	. CIRCUIT CARD	1		XA
-148	6611-0135	14304	. RETAINER, SCREW	7		PADZZ
-149	10085-5156	14304	. BUSHING	6		PADZZ
-150	MS51957-17	96906	. SCREW, MACHINE (AP)	8		PADZZ
-151	MS35338-135	96906	. WASHER, SPLIT (AP)	8		PADZZ
-152	10085-5155	14304	. BRKT, HEATSINK	1		XB
-153	10085-5164	14304	. COVER, RCVR	1		XB
-154	MS35649-244	96906	. NUT, PLAIN, HEX	1		PAOZZ



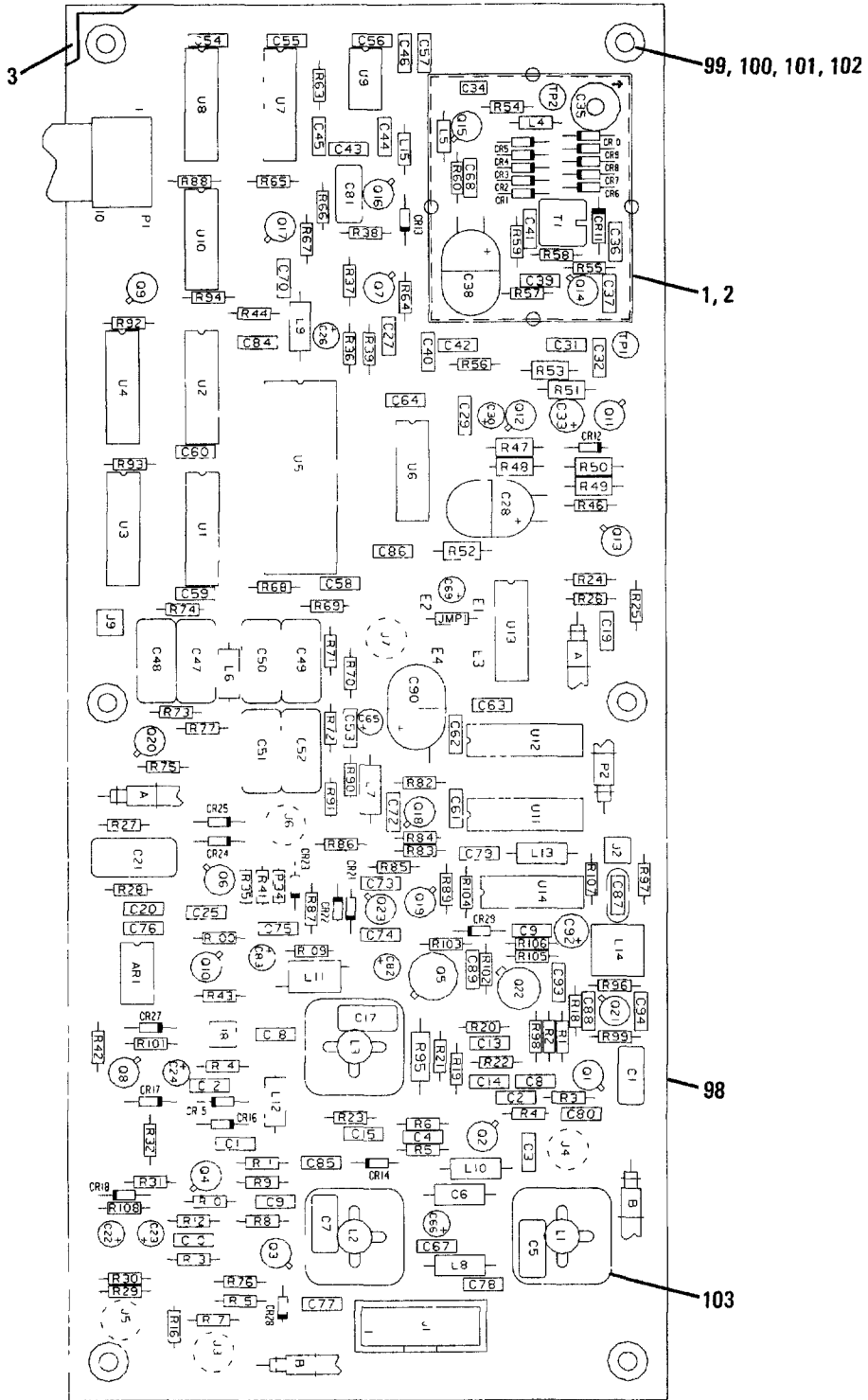
350-118

Figure 7-19. Crystal Oscillator Assy, A1A8

NOTE

To find index numbers for circuit board components, use the reference designator index at the end of this chapter. The complete reference designator for a circuit board component consists of "1," followed by the assembly designator (A1A1, A1A2, etc.), then the reference designator on the illustration. For example, the complete reference designator for R25 on the Exciter PWB Assy is 1A1A1 R25.

Figure & Index Number	Part Number	FSCM	Description							Units Per Assy	Usable On Code	SMR Code
			1	2	3	4	5	6	7			
7-19-	10085-0610	14304	OSCILLATOR ASSY, RF, A1A8							1		PAOZZ
- 1	08-56-0110	27264	. CONNECTOR, PLUG, ELEC							3		PAOZZ
- 2	10085-0611	14304	. OSCILLATOR							1		XA
- 3	22-01-3037	27264	. CONNECTOR, PLUG, ELEC							1		PADZZ



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Figure 7-20. Reference/BFO PWB Assy, A1A9

NOTE

To find index numbers for circuit board components, use the reference designator index at the end of this chapter. The complete reference designator for a circuit board component consists of "1," followed by the assembly designator (A1A1, A1A2, etc.), then the reference designator on the illustration. For example, the complete reference designator for R25 on the Exciter PWB Assy is 1A1A1 R25.

Figure & Index Number	Part Number	FSCM	Description							Units Per Assy	Usable On Code	SMR Code
			1	2	3	4	5	6	7			
7-20-	10085-5500	14304	CIRCUIT CARD ASSY,A1A9							1		PAODD
- 1	10085-5127	14304	. COVER,VCO							1		XB
- 2	10085-5128	14304	. COVER,SHIELD							1		XB
- 3	10085-5162	14304	. COVER,REF/BFO							1		XB
- 4	MC1558U	04713	. MICROCIRCUIT							1		PADZZ
- 5	CM05CD050D03	81349	. CAPACITOR,FXD,MICA							1		PADZZ
- 6	CK06BX103K	81349	. CAPACITOR,FXD,CER							19		PADZZ
- 7	CM05ED560G03	81349	. CAPACITOR,FXD,MICA							1		PADZZ
- 8	C12-0001-003	14304	. CAPACITOR,FXD,CER							1		PADZZ
- 9	CM05ED510G03	81349	. CAPACITOR,FXD,MICA							1		PADZZ
- 10	CK06BX104K	81349	. CAPACITOR,FXD,CER							33		PADZZ
- 11	M39014/02-1352	81349	. CAPACITOR,FXD,CER							1		PADZZ
- 12	CK06BX683K	81349	. CAPACITOR,FXD,CER							2		PADZZ
- 13	CMR06F621GODR	81349	. CAPACITOR,FXD,MICA							1		PADZZ
- 14	T392B335M025AS	31433	. CAP,FXD,ELCTLT							6		PADZZ
- 15	T392F686M025AS	31433	. CAP,FXD,ELCTLT							3		PADZZ
- 16	T392C106M025AS	31433	. CAP,FXD,ELCTLT							2		PADZZ
- 17	M39014/02-1358	81349	. CAPACITOR,FXD,CER							1		PADZZ
- 18	CK05BX102K	81349	. CAPACITOR,FXD,CER							2		PADZZ
- 19	CV31D350	81349	. CAPACITOR,VARIABLE							1		PADZZ
- 20	CD19FC562J03	14655	. CAPACITOR,FXD,MICA							2		PADZZ
- 21	CMR06F272GODP	81349	. CAPACITOR,FXD,MICA							2		PADZZ
- 22	CM06FD821J03	81349	. CAPACITOR,FXD,MICA							1		PADZZ
- 23	CMR06F751GODR	81349	. CAPACITOR,FXD,MICA							1		PADZZ
- 24	CM06FD272J03	81349	. CAPACITOR,FXD,MICA							2		PADZZ
- 25	T392B106M010AS	31433	. CAP,FXD,ELCTLT							3		PADZZ
- 26	CM05FD221G03	81349	. CAPACITOR,FXD,MICA							1		PADZZ
- 27	T392C226M010AS	31433	. CAP,FXD,ELECTLT							1		PADZZ
- 28	616532-901	37695	. SEMICOND DEVICE,DIO							10		PADZZ
- 29	MV-309	04713	. SEMICOND DEVICE,DIO							10		PADZZ
- 30	JAN1N3064	81349	. SEMICOND DEVICE,DIO							4		PADZZ
- 31	JAN1N5711	81349	. SEMICOND DEVICE,DIO							2		PADZZ
- 32	JAN1N4454	81349	. SEMICOND DEVICE,DIO							10		PADZZ
- 33	609-1427	59730	. CONNECTOR,RCPT,ELEC							1		PADZZ
- 34	700-209-NP	50173	. CONNECTOR,PLUG,ELEC							2		PADZZ
- 35	11-1050-00C	77264	. CONNECTOR,PLUG,ELEC							5		PADZZ
- 36	MP-1142	14304	. JUMPER,ELEC							1		PADZZ
- 37	L-0256	14304	. COIL,RF							1		PADZZ
- 38	10085-5506	14304	. COIL,RF							1		PADZZ
- 39	MS75084-10	96906	. COIL,RF							1		PADZZ
- 40	MS75084-3	96906	. COIL,RF							1		PADZZ
- 41	MS14046-7	96906	. COIL,RF							1		PADZZ
- 42	MS14046-1	96906	. COIL,RF							3		PADZZ
- 43	MS14046-8	96906	. COIL,RF							3		PADZZ
- 44	MS14046-6	96906	. COIL,RF							1		PADZZ

Figure & Index Number	Part Number	FSCM	Description							Units Per Assy	Usable On Code	SMR Code									
			1	2	3	4	5	6	7												
- 45	10085-0328	14304	.	C	A	B	L	E	A	S	S	Y	1		PAOZZ						
- 46	10085-0303	14304	.	C	A	B	L	E	A	S	S	Y	1		MOO						
- 47	JAN2N2369A	81349	.	T	R	A	N	S	I	S	T	O	2		PADZZ						
- 48	JAN2N2857	81349	.	T	R	A	N	S	I	S	T	O	1		PADZZ						
- 49	U310	04713	.	T	R	A	N	S	I	S	T	O	5		PADZZ						
- 50	JAN2N2907A	81349	.	T	R	A	N	S	I	S	T	O	6		PADZZ						
- 51	JAN2N2222A	81349	.	T	R	A	N	S	I	S	T	O	6		PADZZ						
- 52	MD918A	04713	.	T	R	A	N	S	I	S	T	O	1		PADZZ						
- 53	CF07-472J	78488	.	R	E	S	I	S	T	O	R	, F	X	D	, C	O	M	P	9		PADZZ
- 54	CF07-103J	78488	.	R	E	S	I	S	T	O	R	, F	X	D	, C	O	M	P	17		PADZZ
- 55	CF07-391J	78488	.	R	E	S	I	S	T	O	R	, F	X	D	, C	O	M	P	1		PADZZ
- 56	CF07-683J	78488	.	R	E	S	I	S	T	O	R	, F	X	D	, C	O	M	P	1		PADZZ
- 57	CF07-102J	78488	.	R	E	S	I	S	T	O	R	, F	X	D	, C	O	M	P	7		PADZZ
- 58	CF07-101J	78488	.	R	E	S	I	S	T	O	R	, F	X	D	, C	O	M	P	5		PADZZ
- 59	CF07-471J	78488	.	R	E	S	I	S	T	O	R	, F	X	D	, C	O	M	P	5		PADZZ
- 60	CF07-561J	78488	.	R	E	S	I	S	T	O	R	, F	X	D	, C	O	M	P	2		PADZZ
- 61	CF07-3R3J	78488	.	R	E	S	I	S	T	O	R	, F	X	D	, C	O	M	P	1		PADZZ
- 62	CF07-473J	78488	.	R	E	S	I	S	T	O	R	, F	X	D	, C	O	M	P	4		PADZZ
- 63	CF07-180J	78488	.	R	E	S	I	S	T	O	R	, F	X	D	, C	O	M	P	5		PADZZ
- 64	CF07-104J	78488	.	R	E	S	I	S	T	O	R	, F	X	D	, C	O	M	P	5		PADZZ
- 65	CF07-680J	78488	.	R	E	S	I	S	T	O	R	, F	X	D	, C	O	M	P	2		PADZZ
- 66	CF07-121J	78488	.	R	E	S	I	S	T	O	R	, F	X	D	, C	O	M	P	1		PADZZ
- 67	CF07-223J	78488	.	R	E	S	I	S	T	O	R	, F	X	D	, C	O	M	P	2		PADZZ
- 68	RNC55K6810FS	81349	.	R	E	S	I	S	T	O	R	, F	X	D	, F	I	L	M	4		PADZZ
- 69	RN55D6810F	81349	.	R	E	S	I	S	T	O	R	, F	X	D	, F	I	L	M	4		PADZZ
- 70	RNC55K9091FS	81349	.	R	E	S	I	S	T	O	R	, F	X	D	, F	I	L	M	1		PADZZ
- 71	RN55D3321F	81349	.	R	E	S	I	S	T	O	R	, F	X	D	, F	I	L	M	1		PADZZ
- 72	RN55D5901F	81349	.	R	E	S	I	S	T	O	R	, F	X	D	, F	I	L	M	1		PADZZ
- 73	CF07-513J	78488	.	R	E	S	I	S	T	O	R	, F	X	D	, C	O	M	P	1		PADZZ
- 74	CF07-470J	78488	.	R	E	S	I	S	T	O	R	, F	X	D	, C	O	M	P	1		PADZZ
- 75	CF07-270J	78488	.	R	E	S	I	S	T	O	R	, F	X	D	, C	O	M	P	2		PADZZ
- 76	CF07-221J	78488	.	R	E	S	I	S	T	O	R	, F	X	D	, C	O	M	P	3		PADZZ
- 77	CF07-201J	78488	.	R	E	S	I	S	T	O	R	, F	X	D	, C	O	M	P	1		PADZZ
- 78	CF07-272J	78488	.	R	E	S	I	S	T	O	R	, F	X	D	, C	O	M	P	2		PADZZ
- 79	CF07-510J	78488	.	R	E	S	I	S	T	O	R	, F	X	D	, C	O	M	P	2		PADZZ
- 80	CF07-330J	78488	.	R	E	S	I	S	T	O	R	, F	X	D	, C	O	M	P	1		PADZZ
- 81	CF07-150J	78488	.	R	E	S	I	S	T	O	R	, F	X	D	, C	O	M	P	1		PADZZ
- 82	CF07-160J	78488	.	R	E	S	I	S	T	O	R	, F	X	D	, C	O	M	P	1		PADZZ
- 83	CF07-562J	78488	.	R	E	S	I	S	T	O	R	, F	X	D	, C	O	M	P	1		PADZZ
- 84	CF07-331J	78488	.	R	E	S	I	S	T	O	R	, F	X	D	, C	O	M	P	1		PADZZ
- 85	CF07-823J	78488	.	R	E	S	I	S	T	O	R	, F	X	D	, C	O	M	P	1		PADZZ
- 86	10073-7003	14304	.	T	R	A	N	S	I	S	T	O	R						1		PADZZ
- 87	105-0858-001	74970	.	J	A	C	K	, T	I	P								1		PADZZ	
- 88	105-0852-001	74970	.	J	A	C	K	, T	I	P								1		PADZZ	
- 89	CD4094BF	02735	.	M	I	C	R	O	C	I	R	C	I	T				4		PADZZ	
- 90	MC145152L	04713	.	M	I	C	R	O	C	I	R	C	I	T				1		PADZZ	
- 91	SN54LS00J	01295	.	M	I	C	R	O	C	I	R	C	I	T				2		PADZZ	
- 92	MC12013L	04713	.	M	I	C	R	O	C	I	R	C	I	T				1		PADZZ	
- 93	M38510/31505BEA	81349	.	M	I	C	R	O	C	I	R	C	I	T				1		PADZZ	
- 94	DS8629J-8	27014	.	M	I	C	R	O	C	I	R	C	I	T				1		PADZZ	
- 95	CD4011BF	02735	.	M	I	C	R	O	C	I	R	C	I	T				1		PADZZ	

Figure & Index Number	Part Number	FSCM	Description							Units Per Assy	Usable On Code	SMR Code
			1	2	3	4	5	6	7			
- 96	SN54LS390J	01295	.							2		PADZZ
- 97	M3850/30102BCB	81349	.							1		PADZZ
- 98	10085-5509	14304	.							1		XA
- 99	6611-0135	14304	.							6		PADZZ
-100	10085-5156	14304	.							6		PADZZ
-101	MS35338-135	96906	.							6		PADZZ
-102	MS51957-17	96906	.							6		PADZZ
-103	850-0038	14304	.							2		XB

NOTE

To find index numbers for circuit board components, use the reference designator index at the end of this chapter. The complete reference designator for a circuit board component consists of "1," followed by the assembly designator (A1A1, A1A2, etc.), then the reference designator on the illustration. For example, the complete reference designator for R25 on the Exciter PWB Assy is 1A1A1 R25.

Figure & Index Number	Part Number	FSCM	Description							Units Per Assy	Usable On Code	SMR Code
			1	2	3	4	5	6	7			
7-21-	10085-5600	14304	CIRCUIT CARD ASSY, A1A10							1		PAODD
- 1	10085-5126	14304	. COVER, VCO							1		XB
- 2	10085-5163	14304	. COVER, SYN							1		XB
- 3	10085-5640	14304	. CIRCUIT CARD ASSY, A1A10A1							1		XA
- 4	TL071MJG	01295	. MICROCIRCUIT							2		PADZZ
- 5	CK06BX104K	81349	. CAPACITOR, FXD, CER							42		PADZZ
- 6	T392C106M025AS	31433	. CAP, FXD, ELCTLT							6		PADZZ
- 7	CK05BX102K	81349	. CAPACITOR, FXD, CER							3		PADZZ
- 8	T392B106M010AS	31433	. CAP, FXD, ELCTLT							3		PADZZ
- 9	CM05ED560G03	81349	. CAPACITOR, FXD, MICA							4		PADZZ
- 10	CK06BX103K	81349	. CAPACITOR, FXD, CER							15		PADZZ
- 11	X440, .01, 107, 50	71785	. CAPACITOR, FXD, FILM							1		PADZZ
- 12	CM05FD151G03	81349	. CAPACITOR, FXD, MICA							1		PADZZ
- 13	CM06FD152J03	81349	. CAPACITOR, FXD, MICA							1		PADZZ
- 14	CM05CD180J03	81349	. CAPACITOR, FXD, MICA							1		PADZZ
- 15	CM05FD331G03	81349	. CAPACITOR, FXD, MICA							1		PADZZ
- 16	CM05CD100D03	81349	. CAPACITOR, FXD, MICA							2		PADZZ
- 17	CMR06F471G0DR	81349	. CAPACITOR, FXD, MICA							1		PADZZ
- 18	T392D686K010AS	31433	. CAP, FXD, ELCTLT							1		PADZZ
- 19	M39014/02-1419	81349	. CAPACITOR, FXD, CER							1		PADZZ
- 20	CK06BX474K	81349	. CAPACITOR, FXD, CER							3		PADZZ
- 21	JAN1N4454	81349	. SEMICOND DEVICE, DIO							8		PADZZ
- 22	JAN1N5711	81349	. SEMICOND DEVICE, DIO							4		PADZZ
- 23	JAN1N825	81349	. SEMICOND DEVICE, DIO							2		PADZZ
- 24	JAN1N748A	81349	. SEMICOND DEVICE, DIO							1		PADZZ
- 25	700-209-NP	50173	. CONNECTOR, PLUG, ELEC							1		PADZZ
- 26	609-1427	59730	. CONNECTOR, RCPT, ELEC							1		PADZZ
- 27	609-1027	15912	. CONNECTOR, RCPT, ELEC							2		PADZZ
- 28	51-407-116	99313	. CONNECTOR, PLUG, ELEC							1		PADZZ
- 29	22-03-2021	27264	. CONNECTOR, PLUG, ELEC							3		PADZZ
- 30	VK200-20/4B	02114	. COIL, RF							1		PADZZ
- 31	MS14046-8	96906	. COIL, RF							4		PADZZ
- 32	MS18130-11	96906	. COIL RF							1		PADZZ
- 33	57-342-5	18212	. FERRITE BEAD							2		PADZZ
- 34	MS14046-1	96906	. COIL, RF							2		PADZZ
- 35	65474-001	00779	. JUMPER, ELEC							3		PADZZ
- 36	22-03-2032	27264	. CONNECTOR, PLUG, ELEC							1		PADZZ
- 37	22-03-2022	27264	. CONNECTOR, PLUG, ELEC							2		PADZZ
- 38	U310	04713	. TRANSISTOR							1		PADZZ
- 39	JAN2N2857	81349	. TRANSISTOR							2		PADZZ
- 40	2N4208	80131	. TRANSISTOR							2		PADZZ
- 41	JAN2N2222A	81349	. TRANSISTOR							6		PADZZ
- 42	JAN2N4957	81349	. TRANSISTOR							3		PADZZ
- 43	PN4917	07263	. TRANSISTOR							9		PADZZ
- 44	U309	04713	. TRANSISTOR							2		PADZZ

Figure & Index Number	Part Number	FSCM	Description							Units Per Assy	Usable On Code	SMR Code
			1	2	3	4	5	6	7			
- 45	JAN2N5116	81349	.	TRANSISTOR						2		PADZZ
- 46	MD918A	04713	.	TRANSISTOR						1		PADZZ
- 47	MPS-H34	04713	.	TRANSISTOR						9		PADZZ
- 48	2N4393	80131	.	TRANSISTOR						2		PADZZ
- 49	2N5566	80131	.	TRANSISTOR						1		PADZZ
- 50	JAN2N2907A	81349	.	TRANSISTOR						2		PADZZ
- 51	JAN2N2369A	81349	.	TRANSISTOR						1		PADZZ
- 52	3386F-1-500	32997	.	RESISTOR, VARIABLE						1		PADZZ
- 53	3299W-1-202	57921	.	RESISTOR, VARIABLE						1		PADZZ
- 54	3299W-1-503	57921	.	RESISTOR, VARIABLE						1		PADZZ
- 55	3386F-1-102	32997	.	RESISTOR, VARIABLE						1		PADZZ
- 56	CF07-102J	78488	.	RESISTOR, FXD, COMP						19		PADZZ
- 57	CF07-103J	78488	.	RESISTOR, FXD, COMP						9		PADZZ
- 58	CF07-270J	78488	.	RESISTOR, FXD, COMP						3		PADZZ
- 59	CF07-680J	78488	.	RESISTOR, FXD, COMP						2		PADZZ
- 60	CF07-104J	78488	.	RESISTOR, FXD, COMP						3		PADZZ
- 61	CF07-470J	78488	.	RESISTOR, FXD, COMP						12		PADZZ
- 62	CF07-221J	78488	.	RESISTOR, FXD, COMP						2		PADZZ
- 63	CF07-563J	78488	.	RESISTOR, FXD, COMP						1		PADZZ
- 64	CF07-472J	78488	.	RESISTOR, FXD, COMP						6		PADZZ
- 65	CF07-560J	78488	.	RESISTOR, FXD, COMP						4		PADZZ
- 66	CF07-152J	78488	.	RESISTOR, FXD, COMP						1		PADZZ
- 67	CF07-100J	78488	.	RESISTOR, FXD, COMP						3		PADZZ
- 68	CF07-151J	78488	.	RESISTOR, FXD, COMP						1		PADZZ
- 69	RN55D6810F	81349	.	RESISTOR, FXD, FILM						4		PADZZ
- 70	RNC55K1331FS	81349	.	RESISTOR, FXD, FILM						2		PADZZ
- 71	RN55D1331F	81349	.	RESISTOR, FXD, FILM						2		PADZZ
- 72	CF07-471J	78488	.	RESISTOR, FXD, COMP						3		PADZZ
- 73	CF07-333J	78488	.	RESISTOR, FXD, COMP						1		PADZZ
- 74	CF07-182J	78488	.	RESISTOR, FXD, COMP						1		PADZZ
- 75	RNC55K1501FS	81349	.	RESISTOR, FXD, FILM						1		PADZZ
- 76	RN55D1212F	81349	.	RESISTOR, FXD, FILM						2		PADZZ
- 77	RNC55K1781FS	81349	.	RESISTOR, FXD, FILM						1		PADZZ
- 78	RNC55K8250FS	81349	.	RESISTOR, FXD, FILM						3		PADZZ
- 79	RNC55K1960FS	81349	.	RESISTOR, FXD, FILM						1		PADZZ
- 80	RN55D5111F	81349	.	RESISTOR, FXD, FILM						3		PADZZ
- 81	RNC55K3481FS	81349	.	RESISTOR, FXD, FILM						1		PADZZ
- 82	RNC55K6190FS	81349	.	RESISTOR, FXD, FILM						2		PADZZ
- 83	RN55D7501F	81349	.	RESISTOR, FXD, FILM						1		PADZZ
- 84	CF07-220J	78488	.	RESISTOR, FXD, XOMP						1		PADZZ
- 85	RN55D4422F	81349	.	RESISTOR, FXD, FILM						1		PADZZ
- 86	RNC55K1472FS	81349	.	RESISTOR, FXD, FILM						2		PADZZ
- 87	RN55D1000F	81349	.	RESISTOR, FXD, FILM						4		PADZZ
- 88	RNC55K1961FS	81349	.	RESISTOR, FXD, FILM						6		PADZZ
- 89	RN55D6190F	81349	.	RESISTOR, FXD, FILM						2		PADZZ
- 90	RNC55K2870FS	81349	.	RESISTOR, FXD, FILM						1		PADZZ
- 91	RN55D1472F	81349	.	RESISTOR, FXD, FILM						2		PADZZ
- 92	RNC55K2151FS	81349	.	RESISTOR, FXD, FILM						1		PADZZ
- 93	CF07-101J	78488	.	RESISTOR, FXD, COMP						8		PADZZ
- 94	CF07-332J	78488	.	RESISTOR, FXD, COMP						2		PADZZ
- 95	RN55D1961F	81349	.	RESISTOR, FXD, FILM						6		PADZZ