

**Component-Level Information Packet**  
**for 08590-60108**  
**HP-IB I/O**

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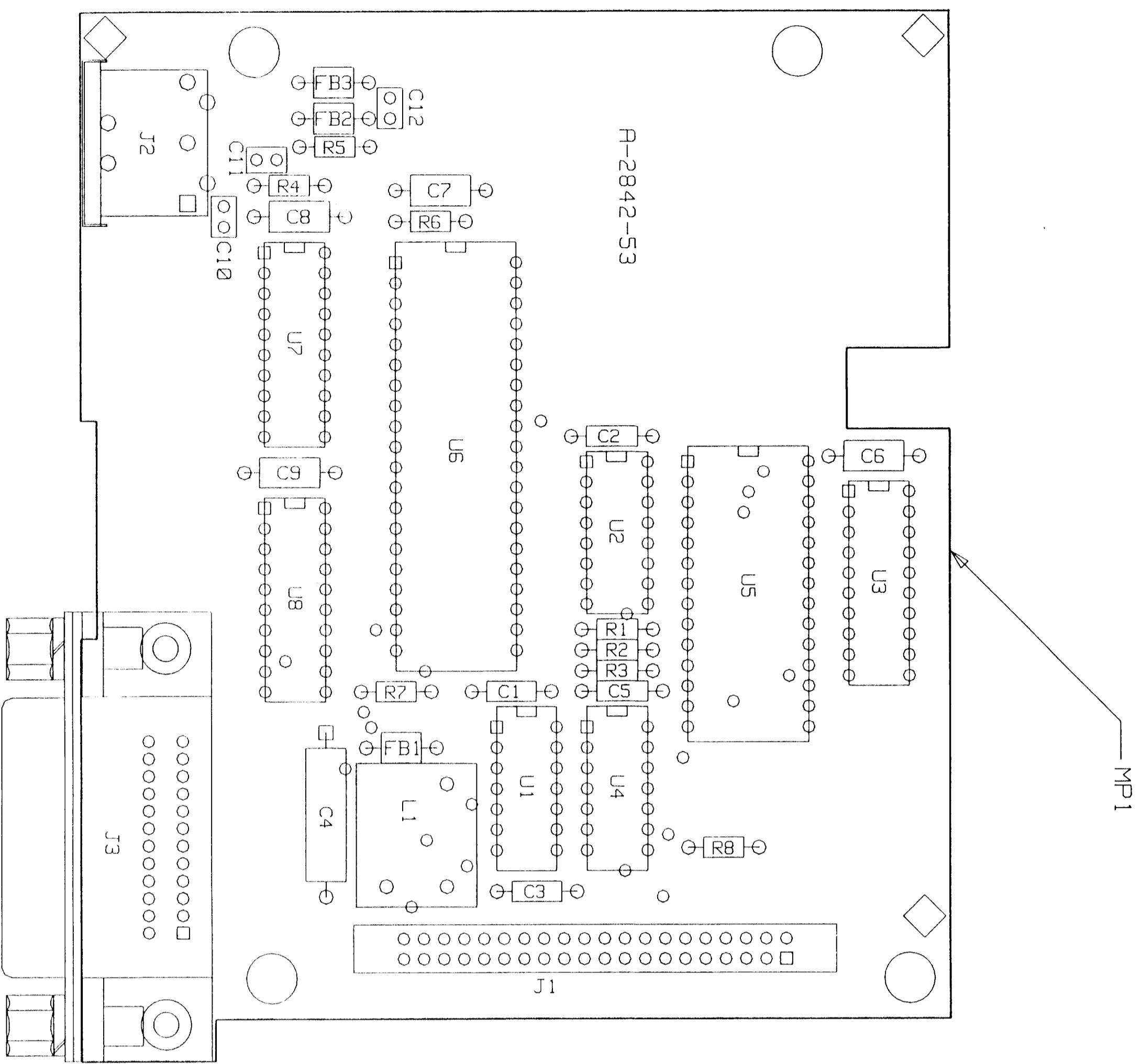




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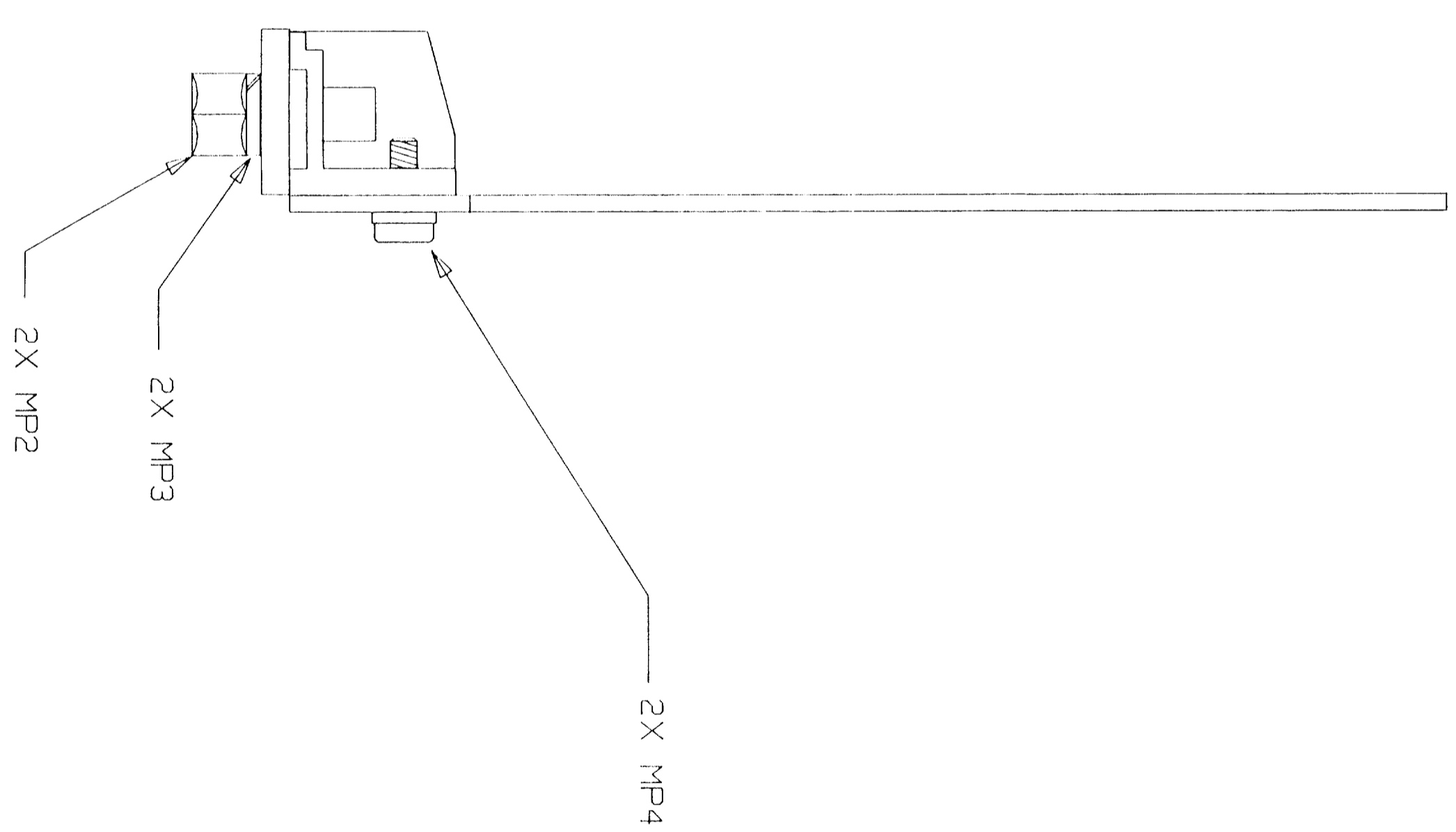
Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
A20	08590-60108	0	1	BD AY-HPIB I-0	28480	08590-60108
C1	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C2	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C3	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C4	0180-0116	1	1	CAPACITOR-FXD 6.8UF+-10% 35VDC TA	56289	150D685X9035B2-DYS
C5	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C6	0160-4835	7	1	CAPACITOR-FXD .1UF +-10% 50VDC CER	04222	SA115C104KAAH
C7	0160-4835	7	1	CAPACITOR-FXD .1UF +-10% 50VDC CER	04222	SA115C104KAAH
C8	0160-4835	7	1	CAPACITOR-FXD .1UF +-10% 50VDC CER	04222	SA115C104KAAH
C9	0160-4835	7	1	CAPACITOR-FXD .1UF +-10% 50VDC CER	04222	SA115C104KAAH
C10	0160-4386	3	1	CAPACITOR-FXD 33PF +-5% 200VDC CER 0+-30		RPE121-105C0G330J200V
C11	0160-4386	3	1	CAPACITOR-FXD 33PF +-5% 200VDC CER 0+-30		RPE121-105C0G330J200V
C12	0160-4386	3	1	CAPACITOR-FXD 33PF +-5% 200VDC CER 0+-30		RPE121-105C0G330J200V
C13	0160-4386	3	1	CAPACITOR-FXD 33PF +-5% 200VDC CER 0+-30		RPE121-105C0G330J200V
FB1	9170-1419	7	1	BEAD, SHIELDING 54 OHMS @ 250MHZ 3.44nH	02114	11413-4B
FB2	9170-1419	7	1	BEAD, SHIELDING 54 OHMS @ 250MHZ 3.44nH	02114	11413-4B
FB3	9170-1419	7	1	BEAD, SHIELDING 54 OHMS @ 250MHZ 3.44nH	02114	11413-4B
J1	1252-1469	3	1	CONN-POST TYPE .100-PIN-SPCG 40-CONT	00779	103292-2
J2	1252-2347	8	1	CONNECTOR 5-PIN F CIRCULAR DIN	00779	212044-1
J3	1251-7651	5	1	CONN-RECT MICRORBN 24-CKT 24-CONT	00779	553811-1
L1	9140-0738	8	1	INDUCTOR 100UH .7D-INX.6LG-IN	56289	
MP2	0380-0643	3	1	STANDOFF-HEX .255-IN-LG 6-32-THD	14480	
MP3	2190-0587	3	1	WASHER-LK HLCL 5.0 MM 5.1-MM-ID		
MP4	2200-0109	8	1	SCREW-MACH 4-40 .438-IN-LG PAN-HD-POZI	77250	
R1	0698-7253	8	1	RESISTOR 5.11K 1% .05W TF TC=0+-100	19701	5063J
R2	0698-7253	8	1	RESISTOR 5.11K 1% .05W TF TC=0+-100	19701	5063J
R3	0698-7253	8	1	RESISTOR 5.11K 1% .05W TF TC=0+-100	19701	5063J
R4	0698-7253	8	1	RESISTOR 5.11K 1% .05W TF TC=0+-100	19701	5063J
R5	0698-7253	8	1	RESISTOR 5.11K 1% .05W TF TC=0+-100	19701	5063J
R6	0698-7253	8	1	RESISTOR 5.11K 1% .05W TF TC=0+-100	19701	5063J
R7	0698-7253	8	1	RESISTOR 5.11K 1% .05W TF TC=0+-100	19701	5063J
R8	0698-7253	8	1	RESISTOR 5.11K 1% .05W TF TC=0+-100	19701	5063J
U1	1820-3298	5	1	IC GATE CMOS/74HC OR QUAD 2-INP	27014	MM74HC32N
U2	1820-3785	5	1	IC CNTR CMOS/74HC BIN SYNCHRO POS-EDGE-T	04713	MC74HC163N
U3	1820-3297	4	1	IC DRVR CMOS/74HC BUS OCTL	04713	MC74HC244N
U4	1820-4053	2	1	IC INV CMOS/74HC HEX	01295	SN74HC05N
U5	1820-2289	2	1	IC-PROGRAMMABLE COMMUNICATIONS INTERFACE	34649	D8251A
U6	1820-2548	6	1	IC-GENERAL PURPOSE INTERFACE BUS ADAPTER	01295	TMS9914ANL
U7	1820-3513	7	1	IC-INTERFACE XCVR BCD UP/DOWN INSTRUMENT	27014	DS75161AN
U8	1820-3431	8	1	IC-INTERFACE XCVR BCD UP/DOWN INSTRUMENT	27014	DS75160AN

*\*Indicates factory-selected value*



NOTES: UNLESS OTHERWISE SPECIFIED

1. DIMENSIONS ARE IN INCHES.
2. REMOVE TABS AFTER WAVE SOLDER.
3. MAXIMUM COMPONENT HEIGHT VARIES WITH COMPONENT HEIGHT AND POSITION ON MOUNTING BOARD. CHECK MOUNTING BOARD BEFORE MOVING COMPONENTS.
4. MAXIMUM LEAD TRIM LENGTH     .118    .
5. CHECK FOR MODIFICATIONS IN THE P.C. LINE ASSEMBLY DOCUMENTATION MANUAL A-08590-A20



SEE MATERIAL LIST 08590-60108

