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RF TRANSFORMERS WIDEBAND

12.5 to 1250 Ω

10 kHz to 1400 MHz

SURFACE MOUNT



ADT



JTX



TCM



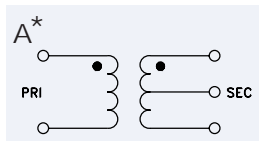
T-KK81



TX



TC



MODEL NO.	Ω RATIO Note D	FREQUENCY (MHz)	INSERTION LOSS *			CASE STYLE Note B	CONNECTION	PRICE \$ Qty. (10-49)
			3 dB MHz	2 dB MHz	1 dB MHz			
◆ ADT1-1WT*	1	0.4-800	0.4-800	0.5-700	1-400	CD542	kz	2.95
◆ ADT1-6T*	1	0.03-125	0.03-125	0.04-75	0.05-50	CD637	ks	3.45
◆ ADT1.5-1*	1.5	0.5-650	0.5-650	0.8-500	1-300	CD542	lb	2.95
◆ ADT2-1T*	2	0.4-450	0.4-450	0.6-400	1-200	CD542	kt	3.65
◆ ADT2-1T-1P*	2	8-600	8-600	10-400	13-300	CD542	ks	4.25
◆ ADT3-1T*	3	1-500	—	1-500	2-300	CD542	kt	3.45
◆ ADT3-6T*	3	0.06-400	0.06-400	0.1-290	0.2-250	CD636	ks	4.50
◆ ADT4-1WT*	4	2-775	2-775	3-600	6-250	CD542	ks	2.95
◆ ADT4-1T*	4	9-625	9-625	10-550	14-500	CD542	ks	3.95
◆ ADT4-5WT*	4	0.3-500	0.3-500	0.5-400	2-250	CD637	ks	4.50
◆ ADT4-6T*	4	.06-300	.06-300	.08-250	0.15-200	CD637	ks	4.50
◆ ADT4-6WT*	4	0.5-600	0.5-600	0.7-475	2-300	CD636	ks	4.50
◆ ADT8-1T*	8	0.1-130	0.1-130	0.15-110	0.2-75	CD637	ks	4.50
◆ ADT9-1T*	9	1-250	—	1-250	2-150	CD542	ks	3.95
◆ ADT16-1T*	16	1.5-160	1.5-160	3-105	5-65	CD542	ks	4.25
◆ ADT16-6T*	16	0.1-70	0.1-70	0.18-45	.30-33	CD637	ks	5.95
JTX-2-10T	2	50-1000	—	—	50-1000	BH292	kt	6.95***
JTX-4-10T	4	50-1000	—	—	50-1000	BH292	kt	6.95***
T1-1T-KK81	1	0.08-200	0.08-200	0.15-150	.2-80	KK81	ev	4.45
T1-6T-KK81	1	.015-300	.015-300	.021-150	.03-50	KK81	ev	6.95
T2-1T-KK81	2	.07-200	.07-200	.1-100	.5-50	KK81	ev	4.95
T2.5-6T-KK81	2.5	.01-100	.01-100	.02-50	.50-20	KK81	ev	4.95
T3-1T-KK81	3	.05-250	.05-200	.1-200	.5-70	KK81	ev	4.95
T4-1-KK81	4	2-350	.2-350	.35-300	2-100	KK81	ev	3.25
T4-6T-KK81	4	.02-250	.02-250	.05-150	0.1-100	KK81	ev	5.65
T5-1T-KK81	5	.3-300	.3-300	.6-200	5-100	KK81	ev	4.95
T8-1T-KK81	8	.3-140	.3-140	.7-90	1-60	KK81	ev	7.95
T13-1T-KK81	13	.3-120	.3-120	.7-80	5-20	KK81	ev	4.95
T16-6T-KK81	16	.03-75	.03-75	.06-30	.1-20	KK81	ev	5.65
T4-1H-KK81	4	10-350	10-350	15-300	25-200	KK81	ev	5.95
TX16-R3T	16	40-300	40-300	60-220	70-150	TT240	ev	4.95
◆ TCM2-1T	2	3-300	—	—	3-300	DB714	ha	4.45
◆ TCM3-1T	3	2-500	—	2-500	5-300	DB714	ha	4.45
◆ TCM4-1W	4	3-800	3-800	5-400	10-100	DB714	ha	4.45
◆ TCM4-14	4	200-1400	200-1400	300-1300	800-1000	DB714	gs	4.45
◆ TCM4-6T	4	1.5-600	1.5-600	2-400	3-350	DB714	ha	4.45
◆ TCM8-1	8	2-500	2-500	5-400	10-100	DB714	gs	4.45
◆ TCM9-1	9	2-280	2-280	3-150	5-100	DB714	ha	4.95
◆ TC2-1T	2	3-300	—	—	3-300	AT224	ha	4.95
◆ TC3-1T	3	5-300	—	—	5-300	AT224	ha	4.95
◆ TC4-1T	4	.5-300	—	.5-300	1.5-100	AT224	ha	4.95
◆ TC4-1W	4	3-800	3-800	5-400	10-100	AT224	ha	4.95
◆ TC4-14	4	200-1400	200-1400	300-1300	800-1100	AT224	gs	5.45
◆ TC8-1	8	2-500	2-500	5-400	10-100	AT224	gs	5.45
◆ TC9-1	9	2-200	2-200	3-100	5-40	AT224	ha	5.45
◆ TC16-1T	16	20-300	20-300	30-200	50-150	AT224	lz	5.95

Surface Mount \square & Plug-In

Style X65



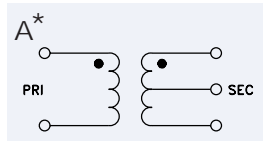
Standard W38



T



TMO



MODEL NO.	Ω RATIO Note D	FREQUENCY (MHz)	INSERTION LOSS *			CASE STYLE Note B	CONNECTION	PRICE \$ Qty. (1-9)
			3 dB MHz	2 dB MHz	1 dB MHz			
T1-1T	1	0.08-200	0.08-200	0.15-150	.2-80	◆	ev	4.45
T1-6T	1	.015-300	.015-300	.021-150	.03-50	◆	ev	6.95
T2-1T	2	.07-200	.07-200	.1-100	.5-50	◆	ev	4.95
T2.5-6T	2.5	.01-100	.01-100	.02-50	.50-20	◆	ev	4.95
T3-1T	3	.05-250	.05-200	.1-200	.5-70	◆	ev	4.95
T4-1	4	.2-350	.2-350	.35-300	2-100	◆	ev	3.25
T4-6T	4	.02-250	.02-250	.05-150	0.1-100	◆	ev	5.65
T5-1T	5	.3-300	.3-300	.6-200	5-100	◆	ev	4.95
T8-1T	8	.3-140	.3-140	.7-90	1-60	◆	ev	7.95
T13-1T	13	.3-120	.3-120	.7-80	5-20	◆	ev	4.95
T16-6T	16	.03-75	.03-75	.06-30	.1-20	◆	ev	5.65
T4-1H	4	10-350	10-350	15-300	25-200	◆	ev	5.95
TMO1-1T	1	.05-200	.05-200	.08-150	.2-80	A11	ew	7.95
TMO2-1T	2	.07-200	.07-200	.1-100	.5-50	A11	ew	8.45
TMO2.5-6T	2.5	.01-100	.01-100	.02-50	.05-20	A03	ew	8.45
TMO3-1T	3	.05-250	.05-250	.1-200	.5-70	A03	ew	7.95
TMO4-1	4	.2-350	.2-350	.35-300	2-100	A11	ew	6.25
TMO5-1T	5	.3-300	.3-300	.6-200	5-100	A11	ew	8.45
TMO13-1T	13	.3-120	.3-120	.7-80	5-20	A11	ew	8.45

NOTES:

- * FOR A CONFIGURATION:
 Typical Amplitude Unbalance: 0.1 dB over 1 dB frequency range; 0.5 dB over entire frequency range.
 Typical Phase Unbalance: 1.0° over 1 dB frequency range; 5.0° over entire frequency range.
- * Insertion loss referenced to mid-band loss
- ◆ Aqueous washable.
- Denotes 75 ohm model
- Non-hermetic
- ◇ Two case styles available: Plug-in case style X65; Radial lead case style W38.
- * Protected under U.S. Patent 6133525
- A. General Quality Control Procedures, Environmental Specifications, Hi-Rel and MIL description are given in section 0, see "Mini-Circuits Guarantees Quality" article.
- B. Connector types and case mounted options, case finishes are given in section 0, see "Case Styles & Outline Drawings".
- C. Prices and Specifications subject to change without notice.
- D. Impedance ratio= secondary/primary
- 1. Absolute power, voltage and current ratings:
 1a. RF input power: all models 0.25W except where noted (● .5W rating; ●● 1W rating)
 1b. DC current, 30mA
- 2. For ADT, JTX, TC,T,TCM, and TX series, operating temperature range is -20°C to +85°C.

NSN GUIDE

MCL NO.	NSN
T1-1T	5950-01-153-0668
T1-1T-KK81	5950-01-431-4604
T1-1T-X65	5950-01-340-7040
T1-6T	5950-01-258-2173
T2-1T-KK81	5950-01-347-0311
T3-1T	5950-01-153-0298
T4-1	5950-01-024-7626
T4-1-KK81	5950-01-460-5700
T4-1-X65	5950-01-349-3181
T4-1H-X65	5950-01-328-8975
T16-6T	5950-01-336-0939
TMO1-1T	5950-01-326-2772
TMO2.5-6T	5950-01-215-8697
TMO3-1T	5950-01-168-7512
TMO5-1T	5950-01-183-0779
TMO-13-1T	5950-01-168-7512

pin connections

see case style outline drawings for pin locations

PORT	ev	ew	gs	ha	ks	kt	kz	lb	lz
PRIMARY DOT	4	1	6	6	3	3	3	1	3
PRIMARY	6	5	4	4	1	1	1	3	1
PRIMARY CT	—	—	—	—	—	—	—	—	—
SECONDARY DOT	3	2	3	1	4	6	6	4	4
SECONDARY	1	6	1	3	6	4	4	6	6
SECONDARY CT	2	4	2	2	5	5	2	2	2
GND EXT.	—	—	—	—	—	—	—	—	—
CASE GND	—	7,8	—	—	—	—	—	—	—
NOT USED	5	3	5	5	2	2	5	5	—
DEMO BOARD	—	—	—	—	TB-42	—	—	TB-42	TB-45



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RF TRANSFORMERS WIDEBAND

12.5 to 1800 Ω

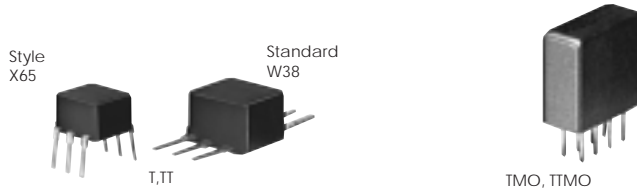
4 kHz to 1500 MHz

SURFACE MOUNT

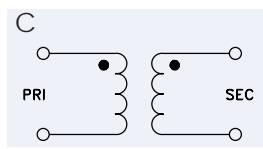


MODEL NO.	Ω RATIO Note D	FREQUENCY (MHz)	INSERTION LOSS *			CASE STYLE Note B	CONNECTION	PRICE \$ Qty. (1-9)		
			3 dB MHz	2 dB MHz	1 dB MHz					
	◆ ADT11-1*	1	0.3-300	0.3-300	0.4-200	0.5-90	CD542	kr	3.95***	
	NEW ◆ ADT11-6*	1	.015-100	.015-100	.02-50	.06-30	CD637	kr	4.95***	
	NEW ◆ ADT11.5-1*	1.5	0.25-300	0.25-300	0.3-175	0.5-100	CD636	kr	3.95***	
	NEW ◆ ADT13-2*	3	0.2-210	0.2-210	0.3-150	0.5-90	CD636	kr	4.50***	
	NEW ◆ ADT14-1*	4	0.2-120	—	—	0.2-120	CD636	kr	3.95***	
	◆ TTCM4-4	4	0.5-400	0.5-400	1.3-160	5-100	DB714	ex	4.95	
	◆ T11-6-KK81	1	.004-300	.004-300	.02-200	.1-50	KK81	ex	6.95	
	◆ T11.5-1-KK81	1.5	.075-500	.075-500	.2-100	1-50	KK81	ex	5.95	
	◆ TT2.5-6-KK81	2.5	.01-50	.01-50	.025-25	.05-10	KK81	ex	6.45	
	◆ TT4-1-KK81	3	.05-200	.05-200	2-50	1-30	KK81	ex	5.95	
	◆ TT4-1A-KK81	4	0.1-300	0.1-300	0.2-250	0.3-180	KK81	ex	6.95	
	◆ TT16-1-KK81	16	0.1-45	0.1-45	0.14-35	1-20	KK81	ex	9.95	
	** TT25-1-KK81	25	.02-30	.02-30	.05-20	.1-10	KK81	ex	9.95	
	◆ TT1-6	1	.004-300	.004-300	.02-200	.1-50	◆	ex	6.95	
	◆ TT1.5-1	1.5	.075-500	.075-500	.2-100	1-50	◆	ex	5.95	
	◆ TT2.5-6	2.5	.01-50	.01-50	.025-25	.05-10	◆	ex	6.45	
	◆ TT4-1	3	.05-200	.05-200	2-50	1-30	◆	ex	5.95	
	◆ TT4-1A	4	0.1-300	0.1-300	0.2-250	0.3-180	◆	ex	6.95	
	◆ TT16-1	16	0.1-45	0.1-45	0.14-35	1-20	◆	ex	9.95	
	** TT25-1	25	.02-30	.02-30	.05-20	.1-10	◆	ex	9.95	
	◆ TTMO25-1	25	.02-30	.02-30	.05-20	.1-10	A03	ey	11.95	
	◆ TTMO1-1	1	.005-100	.005-100	.01-75	.05-40	A03	ey	11.45	
	◆ TTMO4-1A	4	0.1-300	0.1-300	0.2-250	0.3-180	A03	ey	13.95	
		◆ ADT1-1*	1	0.15-400	0.15-400	0.2-200	0.3-100	CD542	kq	2.95***
		NEW ◆ ADT1.5-2*	1.5	0.3-225	0.3-225	0.5-140	0.7-80	CD636	kg	3.95***
◆ ADT4-6*		4	0.07-250	.07-250	0.1-220	0.15-150	CD637	kq	4.95***	
◆ ADT16-6*		16	0.25-105	0.25-105	0.45-75	1-40	CD636	kq	4.95***	
◆ T11-KK81		1	.15-400	.15-400	.35-200	2-50	KK81	ez	3.25	
◆ T118-3-KK81		1.18	0.01-250	0.01-250	0.02-200	0.03-50	KK81	ez	5.65	
◆ T11-6-KK81		1	.01-150	.01-150	.02-100	.05-50	KK81	ez	5.65	
◆ T11.5-1-KK81		1.5	.1-300	.1-300	.2-150	.5-80	KK81	ez	4.45	
◆ T11.5-6-KK81		1.5	.02-100	.02-100	.05-50	0.1-25	KK81	ez	5.65	
◆ T2-1-2W-KK81		2	5-120	—	—	5-120	KK81	ez	5.95	
◆ T2.5-6-KK81		2.5	.01-100	.01-100	.02-50	.05-20	KK81	ez	4.45	
◆ T4-1-2W-KK81		4	10-250	—	—	10-250	KK81	ez	5.95	
◆ T4-6-KK81		4	.02-200	.02-200	.05-150	.1-100	KK81	ez	5.65	
◆ T9-1-KK81		9	.15-200	.15-200	.3-150	2-40	KK81	ez	3.95	
◆ T16-1-KK81		16	.3-120	.3-120	.7-80	5-20	KK81	ez	4.45	
◆ T36-1-KK81		36	.03-20	.03-20	.05-10	.1-5	KK81	ez	6.95	
◆ T11H-KK81		1	8-300	8-300	10-200	25-100	KK81	ez	5.95	
◆ T9-1H-KK81		9	2-90	2-90	3-75	6-50	KK81	ez	6.45	
◆ T16-1H-KK81		16	7-85	7-85	10-65	15-40	KK81	ez	6.45	
◆ TCM1-1		1	1.5-500	1.5-500	2.5-400	5-350	DB714	hd	4.45	
◆ TC1-1		1	1.5-500	1.5-500	2.5-400	5-350	AT224	hd	4.95	
◆ TC1-15		1	800-1500	—	350-1500	800-1500	AT224	gw	4.95	
◆ TX1-1		1	0.3-400	0.3-400	0.6-200	2-50	TT240	ez	3.50	
◆ TX1-R5		1	0.8-500	0.8-500	1.2-350	3.2-180	TT240	ez	3.75	
◆ TX1.5-1		1.5	0.25-300	0.25-300	0.3-150	0.5-80	TT240	ez	4.70	
◆ TX9-1		9	1-200	1-200	1.5-160	3-70	TT240	ez	4.70	

Surface Mount □ & Plug-In



MODEL NO.	Ω RATIO Note D	FREQUENCY (MHz)	INSERTION LOSS *			CASE STYLE Note B	CONNECTION	PRICE \$ Qty. (1-9)
			3 dB MHz	2 dB MHz	1 dB MHz			
T1-1	1	.15-400	.15-400	.35-200	2-50	◇	ez	3.25
T1.18-3	1.18	0.01-250	0.01-250	0.02-200	0.03-50	◇	ez	5.65
T1-6	1	.01-150	.01-150	.02-100	.05-50	◇	ez	5.65
T1.5-1	1.5	.1-300	.1-300	.2-150	.5-80	◇	ez	4.45
T1.5-6	1.5	.02-100	.02-100	.05-50	0.1-25	◇	ez	5.65
T2-1-2W	2	5-120	—	—	5-120	◇	ez	5.95
T2.5-6	2.5	.01-100	.01-100	.02-50	.05-20	◇	ez	4.45
T4-1-2W	4	10-250	—	—	10-250	◇	ez	5.95
T4-6	4	.02-200	.02-200	.05-150	.1-100	◇	ez	5.65
T9-1	9	.15-200	.15-200	.3-150	2-40	◇	ez	3.95
T16-1	16	.3-120	.3-120	.7-80	5-20	◇	ez	4.45
T36-1	36	.03-20	.03-20	.05-10	.1-5	◇	ez	6.95
TO-75	1	10-500	—	10-500	40-250	PP94	fa	6.95
T1-1H	1	8-300	8-300	10-200	25-100	◇	ez	5.95
T9-1H	9	2-90	2-90	3-75	6-50	◇	ez	6.45
T16-1H	16	7-85	7-85	10-65	15-40	◇	ez	6.45
TMO1-02	1	1-800	1-800	2-500	—	A11	fc	9.45
TMO1-1	1	.15-400	.15-400	.35-200	2-50	A11	fb	6.25
TMO2.5-6	2.5	.01-100	.01-100	.02-50	.05-20	A03	fb	7.95
TMO4-6	4	.02-200	.02-200	.05-150	.1-100	A03	fb	7.95
TMO6-1	6	.3-200	.3-200	.5-150	5-50	A11	fb	7.95
TMO9-1	9	.15-200	.15-200	.3-150	2-40	A11	fb	7.95
TMO16-1	16	.3-120	.3-120	.7-80	5-20	A11	fb	7.95



NOTES:

- * FOR B CONFIGURATION:
Typical Amplitude Unbalance: 0.1 dB over 1 dB frequency range; 0.5 dB over entire frequency range.
Typical Phase Unbalance: 1.0° over 1 dB frequency range; 5.0° over entire frequency range.
- * Insertion loss referenced to mid-band loss
- ✦ Insertion loss is specified with input at pin 4 and output at pin1 with pins 6 & 3 grounded and pins 2 & 5 open.
- ◆ Aqueous washable.
- ** Below .05 MHz, insertion loss is specified for room temperature and above.
- †† Not DC isolated, insertion loss is measured with input at pin 1, output at pin 6, and pin 3, 4 are grounded.
- Non-hermetic
- ◇ Two case styles available: Plug-in case style X65; Radial lead case style W38.
- * Protected under U.S. Patent 6133525
- *** Price for quantities 10-49.
- A. General Quality Control Procedures, Environmental Specifications, Hi-Rel and MIL description are given in section 0, see "Mini-Circuits Guarantees Quality" article.
- B. Connector types and case mounted options, case finishes are given in section 0, see "Case Styles & Outline Drawings".
- C. Prices and Specifications subject to change without notice.
- D. Impedance ratio= secondary/primary
- 1. Absolute power, voltage and current ratings:
1a. RF input power: all models 0.25W except where noted (● .5W rating; ●●●2W rating)
1b. DC current, 30mA
- 2. For ADT, TC, T, TCM, TT, and TX series, operating temperature range is -20°C to +85°C.

pin connections

PORT	ex	ey	ez	fa	fb	fc	gw	hd	kq	kr
PRIMARY DOT	4	1	4	1	1	1	1	6	3	3
PRIMARY	6	5	6	2	5	3	6	4	1	1
PRIMARY CT	5	3	—	—	—	—	—	—	—	2
SECONDARY DOT	3	2	3	4	2	2	3	1	4	4
SECONDARY	1	6	1	3	6	4	4	3	6	6
SECONDARY CT	2	4	—	—	—	—	—	—	—	5
GND EXT.	—	—	—	—	—	—	—	—	—	—
CASE GND	—	7.8	—	—	7.8	7.8	—	—	—	—
NOT USED	—	—	2.5	—	3.4	2.5	—	2.5	—	—
DEMO BOARD	—	—	—	—	—	—	—	—	TB-42	TB-42

NSN GUIDE

MCL NO.	NSN
T1-1-KK81	5950-01-347-0310
T1-1	5950-01-128-3745
T1-1-X65	5950-01-327-5916
T1-1H	5950-01-409-2785
T9-1	5950-01-105-8153
T16-1	5950-01-094-7439
T16-1-X65	5950-01-272-2297
TMO1-1	5950-01-213-3735
TMO2.5-6	5950-01-215-4038
TMO4-6	5950-01-132-8102
TMO6-1	5950-01-364-7803
TMO9-1	5950-01-141-0174
TMO16-1	5950-01-138-4593
TT1-6-X65	5950-01-272-2298
TT4-1A	5950-01-331-7777
TTMO25-T	5950-01-415-7145

5 kHz to 2500 MHz

SURFACE MOUNT



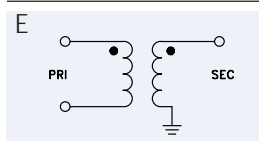
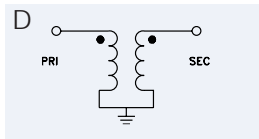
ADT

TC

TCM

T-KK81

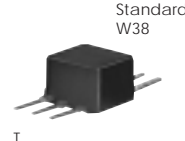
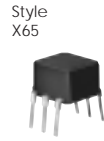
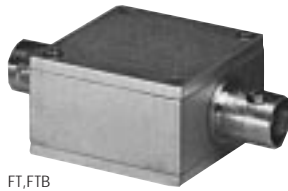
MODEL NO.	Ω RATIO Note D	FREQUENCY (MHz)	INSERTION LOSS *			CASE STYLE Note B	CONNECTION	PRICE \$ Qty. (10-49)
			3 dB MHz	2 dB MHz	1 dB MHz			
◆ ADT1.5-17*	1.5	.5-1700	.5-1700	1-1500	2-1100	CD542	la	3.45***
◆◆ TC4-11	50/12.5	2-1100	—	2-1100	5-700	AT224	kp	4.95
◆ TC1.5-1	1.5	.5-2200	.5-2200	1-2000	2-1100	AT224	jt	4.95
◆○ TC9-1-75	75/8	0.3-475	0.3-475	0.5-450	0.9-370	AT224	kp	4.95
◆ T2-1-KK81	2	.050-600	.050-600	.1-400	5-200	KK81	fd	3.95
◆ T3-1-KK81	3	.5-800	.5-800	2-400	—	KK81	fd	4.45
◆ T4-2-KK81	4	.2-600	.2-600	.5-500	2-250	KK81	fd	3.95
◆ T8-1-KK81	8	.15-250	.15-250	.25-200	2-100	KK81	fd	3.95
◆ T14-1-KK81	14	.2-150	.2-150	.5-100	2-50	KK81	fd	4.95
◆ T2-1	2	.050-600	.050-600	.1-400	5-200	◆	fd	3.95
◆ T3-1	3	.5-800	.5-800	2-400	—	◆	fd	4.45
◆ T4-2	4	.2-600	.2-600	.5-500	2-250	◆	fd	3.95
◆ T8-1	8	.15-250	.15-250	.25-200	2-100	◆	fd	3.95
◆ T14-1	14	.2-150	.2-150	.5-100	2-50	◆	fd	4.95
◆ TMO2-1	2	.050-600	.050-600	.1-400	5-200	A11	fe	7.95
◆ TMO4-2	4	.2-600	.2-600	.5-500	2-250	A11	fe	7.95
◆ TMO14-1	14	.2-150	.2-150	.5-100	2-50	A11	fe	8.45
◆ FT1.22-1	1.22	.005-100	.005-100	.01-50	.05-25	H16	—	35.95
◆ FT1.5-1	1.5	.1-400	.1-400	.5-200	1-100	H16	—	35.95
◆ FTB1-1	1	.2-500	.2-500	.5-300	1-100	H16	—	36.95
◆ FTB1-6	1	.01-125	.01-125	.05-50	.1-25	H16	—	36.95
◆ FTB1-1-75	1	.5-500	.5-500	5-300	10-100	H16	—	36.95



NOTES:

- ◆ Two case styles available: Plug-in case style X65; Radial lead case style W38.
- * Insertion loss referenced to mid-band loss.
- ◆ Aqueous washable.
- ◆ Denotes 75 ohm model, for coax connector models 75 ohm BNC connectors are standard.
- Non-hermetic
- ◆ Stepdown, 50 ohm primary, 5.2 pF across secondary
- Stepdown, 75 ohm primary, 51 pF across secondary
- * Protected under U.S. Patent 6133525
- *** Price for quantities 10-49.
- A. General Quality Control Procedures, Environmental Specifications, Hi-Rel and MIL description are given in section 0, see "Mini-Circuits Guarantees Quality" article.
- B. Connector types and case mounted options, case finishes are given in section 0, see "Case Styles & Outline Drawings".
- C. Prices and Specifications subject to change without notice.
- D. Impedance ratio= secondary/primary.
 1. Absolute power, voltage and current ratings:
 - 1a. RF input power: all models 0.25W except where noted (●● 1W rating; ●●● 2W rating)
 - 1b. DC current, 30mA
 2. For ADT,ADTL, TC,TCM,TCML, and T series, operating temperature range is -20°C to +85°C.

Surface Mount □, Plug-In & Coaxial



	MODEL NO.	Ω RATIO Note D	FREQUENCY (MHz)	INSERTION LOSS *			CASE STYLE Note B	CONNECTION	PRICE \$ Qty. (1-9)
				3 dB MHz	2 dB MHz	1 dB MHz			
F 	T-622-KK81	1:1:1	0.1-200	0.1-200	0.5-100	5-80	KK81	ff	3.25
	T-626-KK81	1:1:1	0.01-10	0.01-10	0.02-5	.04-2	KK81	ff	3.95
	T2-613-1-KK81	1:1:2	0.07-200	0.07-200	0.1-100	0.5-50	KK81	fg	1.95
	T-622	1:1:1	0.1-200	0.1-200	0.5-100	5-80	◇	ff	3.25
	T-626	1:1:1	0.01-10	0.01-10	0.02-5	.04-2	◇	ff	3.95
	T2-613-1	1:1:2	0.07-200	0.07-200	0.1-100	0.5-50	◇	fg	1.95
G 	◆ TCML1-11	1	600-1100	—	600-1100	700-1000	DB714	mh	4.95
	◆ TCML1-19	1	800-1900	800-1900	—	800-1400	DB714	mh	4.95
	◆ ADTL1-12*	1	20-1200	—	20-1200	50-1000	CD542	kn	2.95***
	◆ ADTL1-18-75*	1	5-1800	—	5-1800	25-1200	CD542	kn	2.95***
	◆ ADTL1-4-75*	1	0.5-1000	0.5-1000	1-600	5-400	CD542	kn	2.95***
	NEW ◆ ADTL2-18*	2	30-1800	30-1800	—	100-1500	CD542	kn	3.95***
H 	NEW ◆ TCM4-19	4	10-1900	10-1900	20-1000	30-700	DB714	gs	6.95
	◆ TCM4-25	4	500-2500	500-2500	700-1500	750-1200	DB714	gs	5.95

pin connections see case style outline drawings

PORT	fd	fe	ff	fg	gs	jt	kn	kp	la	mh
PRIMARY DOT	6	1	X1 Y2 Z3	X1 Y5 Z3	6	6	1	6	1	6
PRIMARY	3	6	X6 Y5 Z4	X2 Y6 Z4	4	4	3	3	3	4
PRIMARY CT	—	—	—	—	—	—	—	—	—	—
SECONDARY DOT	1	2	—	—	3	1	6	1	6	1
SECONDARY	3	6	—	—	1	4	4	3	3	3
SECONDARY CT	—	—	—	—	2	—	—	—	—	—
CASE EXT.	3	6	—	—	—	—	—	—	—	—
CASE GND	—	7,8	—	—	—	—	—	—	—	—
NOT USED	2,4,5	3,4,5	—	—	5	2,3,5	2,5	—	2,4,5	2,5
DEMO BOARD	—	—	—	—	—	TB-41	—	—	TB-40	—

NSN GUIDE

MCL NO.	NSN
FTB1-1-75	5950-01-132-8034
FTB1-6	5950-01-225-8773
FT1.5-1	5950-01-325-4686
T2-1	5950-01-106-1218
T4-2	5950-01-361-1794
TMO2-1	5950-01-183-6414
TMO4-2	5950-01-091-3553
TMO8-1	5950-01-442-8008



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