TRANSFORMERS, IF/RF

4 kHz to 800 MHz

50 Ω *(Hermetic & Non Hermetic)*


Non Hermetic
T, TT
Case X65


TO
Case PP94

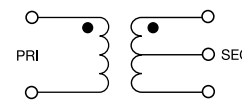

TMO
Case A11


TMO, TTMO
Case A03

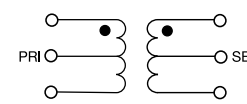
MODEL PREFIX	Ω RATIO (Secondary/Primary)	FREQUENCY (MHz)	INSERTION LOSS ABOVE MIDBAND LOSS 3 dB MHz	2 dB MHz	1 dB MHz
A *Unbalanced to Balanced Center Tap (50 Ω to 800 Ω)*					
TMO1-1T	1	0.05 - 200	0.05 - 200	0.08 - 150	0.2 - 80
T1-1T-X65	1	0.08 - 200	0.08 - 200	0.15 - 150	0.2 - 80
T1-6T-X65	1	0.015 - 300	0.015 - 300	0.21 - 150	0.03 - 50
T2-1T-X65	2	0.07 - 200	0.07 - 200	0.1 - 100	0.5 - 50
TMO2-1T	2	0.07 - 200	0.07 - 200	0.1 - 100	0.5 - 50
T2.5-6T-X65	2.5	0.01 - 100	0.01 - 100	0.02 - 50	0.50 - 20
TMO2.5-6T	2.5	0.01 - 100	0.01 - 100	0.02 - 50	0.05 - 20
T3-1T-X65	3	0.05 - 250	0.05 - 200	0.1 - 200	0.5 - 70
TMO3-1T	3	0.05 - 250	0.05 - 250	0.1 - 200	0.5 - 70
T4-6T-X65	4	0.02 - 250	0.02 - 250	0.05 - 150	0.1 - 100
TMO4-1	4	0.2 - 350	0.2 - 350	0.35 - 300	2 - 100
T4-1-X65	4	0.2 - 350	0.2 - 350	0.35 - 300	2 - 100
T4-1H-X65	4	10 - 350	10 - 350	15 - 300	25 - 200
T5-1T-X65	5	0.3 - 300	0.3 - 300	0.6 - 200	5 - 100
TMO5-1T	5	0.3 - 300	0.3 - 300	0.6 - 200	5 - 100
T8-1T-X65	8	0.3 - 140	0.3 - 140	0.7 - 90	1 - 60
T13-1T-X65	13	0.3 - 120	0.3 - 120	0.7 - 80	5 - 20
TMO13-1T	13	0.3 - 120	0.3 - 120	0.7 - 80	5 - 20
T16-6T-X65	16	0.03 - 75	0.03 - 75	0.06 - 30	0.1 - 20
B *Balanced to Balanced Center Tap at Primary/Secondary (50 Ω to 1250 Ω)*					
TTMO1-1	1	0.005 - 100	0.005 - 100	0.01 - 75	0.05 - 40
TT1-6-X65	1	0.004 - 300	0.004 - 300	0.02 - 200	0.1 - 50
TT1.5-1-X65	1.5	0.075 - 500	0.075 - 500	0.2 - 100	1 - 50
TT2.5-6-X65	2.5	0.01 - 50	0.01 - 50	0.025 - 25	0.05 - 10
TT4-1-X65	3	0.05 - 200	0.05 - 200	0.2 - 50	1 - 30
TT4-1A-X65	4	0.1 - 300	0.1 - 300	0.2 - 250	0.3 - 180
TTMO4-1A	4	0.1 - 300	0.1 - 300	0.2 - 250	0.3 - 180
TT16-1-X65	16	0.1 - 45	0.1 - 45	0.14 - 35	1 - 20
TT25-1-X65	25	0.02 - 30	0.02 - 30	0.05 - 20	0.1 - 10
TTMO25-1	25	0.02 - 30	0.02 - 30	0.05 - 20	0.1 - 10

SCHEMATICS

A

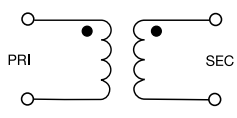


B

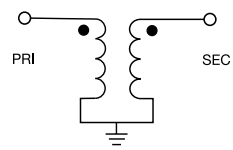


MODEL PREFIX	Ω RATIO (Secondary/Primary)	FREQUENCY (MHz)	INSERTION LOSS ABOVE MIDBAND LOSS 3 dB MHz	2 dB MHz	1 dB MHz
C *Balanced to Balanced (50 Ω to 1800 Ω)*					
T1-6-X65	1	0.01 - 150	0.01 - 150	0.02 - 100	0.05 - 50
T1-1H-X65	1	8 - 300	8 - 300	10 - 200	25 - 100
T1-1-X65	1	0.15 - 400	0.15 - 400	0.35 - 200	2 - 50
TMO1-1	1	0.15 - 400	0.15 - 400	0.35 - 200	2 - 50
TO-75	1	10 - 500	—	10 - 500	40 - 250
TMO1-02	1	1 - 800	1 - 800	2 - 500	—
T1.18-3-X65	1	0.01 - 250	0.01 - 250	0.02 - 200	0.03 - 50
T1.5-6-X65	1	0.02 - 100	0.02 - 100	0.05 - 50	0.1 - 25
T1.5-1-X65	1	0.1 - 300	0.1 - 300	0.2 - 150	0.05 - 80
T2-1-2W-X65	2	5 - 120	—	—	5 - 120
T2.5-6-X65	2	0.01 - 100	0.01 - 100	0.02 - 50	0.05 - 20
TMO-2.5-6	2	0.01 - 100	0.01 - 100	0.02 - 50	0.05 - 20
T4-6-X65	4	0.02 - 200	0.02 - 200	0.05 - 150	0.1 - 100
TMO4-6	4	0.02 - 200	0.02 - 200	0.05 - 150	0.1 - 100
T4-1-2W-X65	4	10 - 250	—	—	10 - 250
TMO6-1	6	0.3 - 200	0.3 - 200	0.5 - 150	5 - 50
T9-1H-X65	9	2 - 90	2 - 90	3 - 75	6 - 50
T9-1-X65	9	0.15 - 200	0.15 - 200	0.3 - 150	2 - 40
TMO9-1	9	0.15 - 200	0.15 - 200	0.3 - 150	2 - 40
T16-1H-X65	16	7 - 85	7 - 85	10 - 65	15 - 40
T16-1-X65	16	0.3 - 120	0.3 - 120	0.7 - 80	5 - 20
TMO16-1	16	0.3 - 120	0.3 - 120	0.7 - 80	5 - 20
T36-1-X65	36	0.03 - 20	0.03 - 20	0.05 - 10	0.1 - 5
D *Unbalanced to Unbalanced (50 Ω to 700 Ω)*					
T2-1-X65	2	0.050 - 600	0.050 - 600	0.1 - 400	0.5 - 200
TMO2-1	2	0.050 - 600	0.050 - 600	0.1 - 400	0.5 - 200
T3-1-X65	3	0.5 - 800	0.5 - 800	2.0 - 400	—
T4-2-X65	4	0.2 - 600	0.2 - 600	0.5 - 500	2 - 250
TMO4-2	4	0.2 - 600	0.2 - 600	0.5 - 500	2 - 250
T8-1-X65	8	0.15 - 250	0.15 - 250	0.25 - 200	2 - 100
T14-1-X65	14	0.2 - 150	0.2 - 150	0.5 - 100	2 - 50
TMO14-1	14	0.2 - 150	0.2 - 150	0.5 - 100	2 - 50
F *Single-ended to Balanced with Impedance Ratio Selection (50 Ω to 100 Ω)*					
T-622-X65	1:1:1	0.1 - 200	0.1 - 200	0.5 - 100	5 - 80
T-626-X65	1:1:1	0.01 - 10	0.01 - 10	0.02 - 5	0.04 - 2
T2-613-1-X65	1:1:2	0.07 - 200	0.07 - 200	0.1 - 100	0.5 - 50

C



D



F