

Plug-In RF Transformer

50Ω 0.05 to 200 MHz

TT4-1-X65+
TT4-1-X65



CASE STYLE: X65

+RoHS Compliant
The +Suffix identifies RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications

Maximum Ratings

Operating Temperature	-20°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power	250mW
DC Current	30mA

Permanent damage may occur if any of these limits are exceeded.

Pin Connections

PRIMARY DOT	4
PRIMARY	6
PRIMARY CT	5
SECONDARY DOT	3
SECONDARY	1
SECONDARY CT	2

Features

- wideband, 0.05 to 200 MHz
- good return loss
- also available with flat-pack (W38) & surface mount gull-wing (KK81) leads

Applications

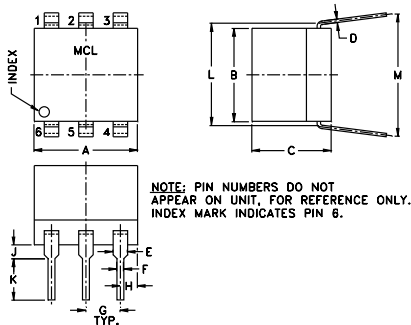
- HF/VHF
- impedance matching
- balanced antennas

Transformer Electrical Specifications

Ω RATIO (Secondary/Primary)	FREQUENCY (MHz)	INSERTION LOSS*		
		3 dB MHz	2 dB MHz	1 dB MHz
3	0.05-200	0.05-200	0.2-50	1-30

* Insertion Loss is referenced to mid-band loss, 0.4 dB typ.

Outline Drawing



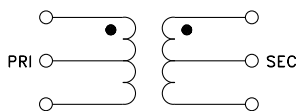
Outline Dimensions (inch/mm)

A	B	C	D	E	F	G
.30	.27	.23	.010	.042	.020	.100
7.62	6.86	5.84	0.25	1.07	0.51	2.54
H	J	K	L	M	wt	
.05	.04	.11	.300	.35	grams	
1.27	1.02	2.79	7.62	8.89	0.50	

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	INPUT R. LOSS (dB)
0.05	2.88	1.46
0.10	1.29	4.13
0.20	0.58	8.81
0.50	0.39	15.77
1.00	0.36	19.03
30.00	0.51	11.31
50.00	0.91	7.28
100.86	1.96	3.92
195.15	2.78	3.87
200.00	2.76	4.08

Config. B



Notes

- Performance and quality attributes and conditions not expressly stated in this specification document are intended to be excluded and do not form a part of this specification document.
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