

RF Transformer

TT25-1-X65

50Ω

0.02 to 30 MHz



CASE STYLE: X65

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

- excellent return loss
- also available with flat-pack (W38) & surface mount gull-wing (KK81) leads

Applications

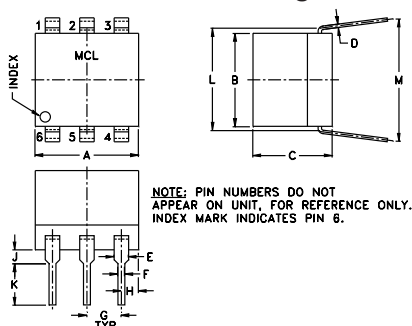
- HF
- radio communication systems
- impedance matching
- ham radio

Transformer Electrical Specifications

Ω RATIO (Secondary/Primary)	FREQUENCY (MHz)	INSERTION LOSS*		
		3 dB MHz	2 dB MHz	1 dB MHz
25	0.02-30	0.02-30	0.05-20	0.1-10

* Below 0.05 MHz, Insertion Loss is specified for room temperature and above.

Outline Drawing



Outline Dimensions (inch)

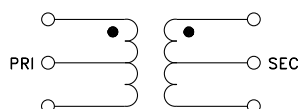
A	B	C	D	E	F	G
.30	.27	.23	.010	.042	.020	.100
7.62	6.86	5.84	0.25	1.07	0.51	2.54

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)
0.02	2.72	6.13
0.03	1.86	7.95
0.05	1.18	10.45
0.07	0.80	13.16
0.15	0.48	19.05
0.30	0.37	25.11
1.01	0.27	28.34
4.66	0.30	12.69
20.13	1.46	2.94
30.00	2.60	2.00

Config. B



Notes

- A. 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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