

Plug-In RF Transformer

50Ω 0.1 to 45 MHz

TT16-1-X65+ TT16-1-X65



CASE STYLE: X65
PRICE: \$9.95 ea. QTY (1-9)

**+ RoHS compliant in accordance
with EU Directive (2002/95/EC)**

*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

Pin Connections

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

Features

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

Applications

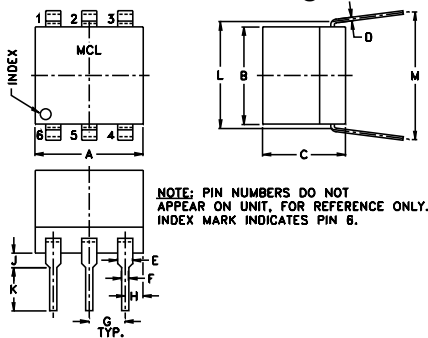
- HF
- radio communication
- impedance matching

Transformer Electrical Specifications

Ω RATIO (Secondary/Primary)	FREQUENCY (MHz)	INSERTION LOSS*		
		3 dB MHz	2 dB MHz	1 dB MHz
16	0.1-45	0.1-45	0.14-35	1-20

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

Outline Drawing



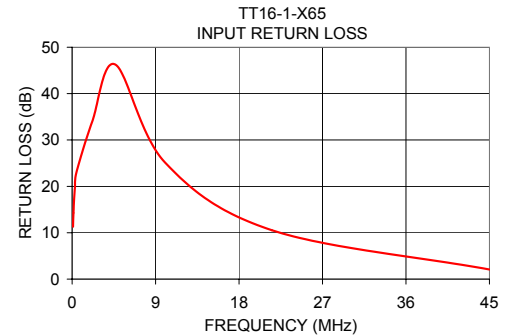
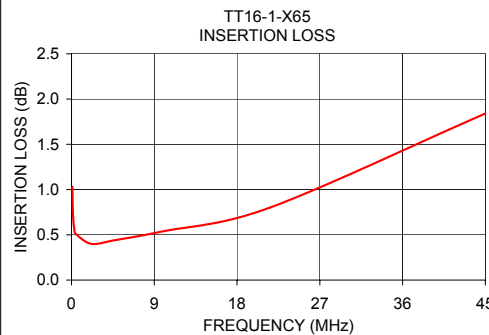
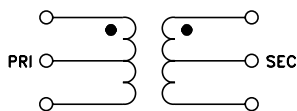
Outline Dimensions (inch/mm)

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)
0.10	1.03	11.30
0.15	0.76	14.27
0.22	0.63	17.22
0.30	0.57	19.65
0.47	0.51	23.01
2.17	0.40	33.97
4.66	0.44	46.27
10.03	0.54	25.12
21.54	0.80	10.53
45.00	1.84	2.08

Config. B



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RF/IF MICROWAVE COMPONENTS

REV. A
M98898
TT16-1-X65
IG/TD/CP
070718