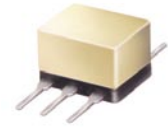


Surface Mount RF Transformer

50Ω

7 to 85 MHz

T16-1H+ T16-1H



CASE STYLE: W38
PRICE: \$6.45 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	0.25W
DC Current	30mA

Pin Connections

PRIMARY DOT	4
PRIMARY	6
SECONDARY DOT	3
SECONDARY	1
SECONDARY CT	—
NOT USED	2,5

Features

- good return loss
- also available with plug-in (X65) surface mount gull-wing (KK81) leads

Applications

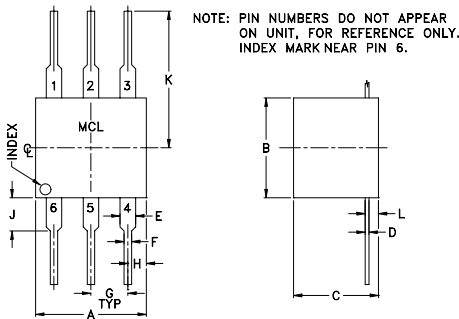
- HF/VHF
- impedance matching
- amateur radio

Transformer Electrical Specifications

Ω RATIO (Secondary/Primary)	FREQUENCY (MHz)	INSERTION LOSS*		
		3 dB MHz	2 dB MHz	1 dB MHz
16	7-85	7-85	10-65	15-40

*Insertion Loss is referenced to mid-band loss, 0.6 dB typ.

Outline Drawing



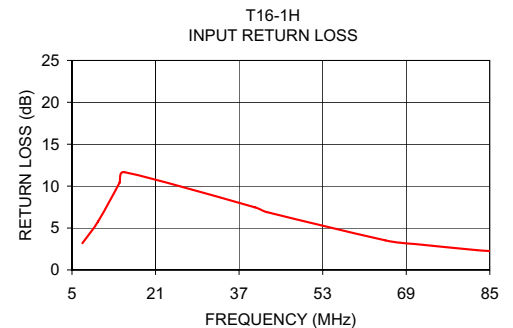
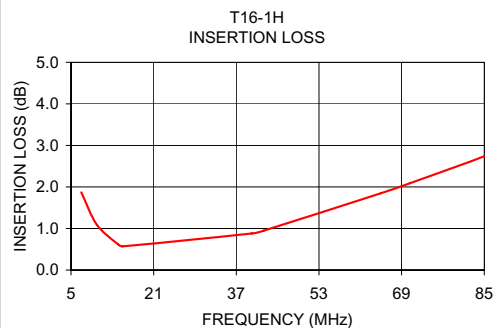
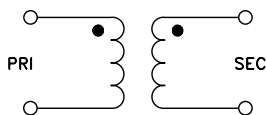
Outline Dimensions (inch/mm)

A	B	C	D	E	F
.30	.27	.23	.010	.042	.020
7.62	6.86	5.84	0.25	1.07	0.51
G	H	J	K	L	wt
.100	.05	.09	.31	.036	grams
2.54	1.27	2.29	7.87	0.91	0.50

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	INPUT R. LOSS (dB)
7.00	1.87	3.19
10.00	1.09	5.78
14.11	0.62	10.41
15.00	0.57	11.67
40.00	0.88	7.47
42.33	0.95	6.90
65.00	1.85	3.53
70.62	2.09	3.09
82.51	2.62	2.36
85.00	2.74	2.25

Config. C



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