

Surface Mount RF Transformer

TX1-R5+ TX1-R5

50Ω 0.8 to 500 MHz



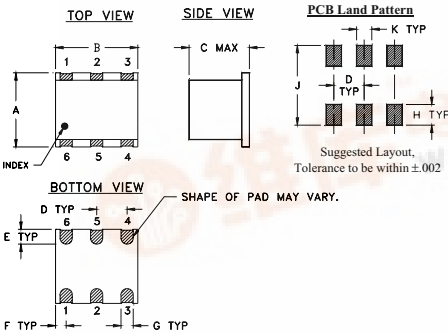
Maximum Ratings

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
NOT USED	2,5

Outline Drawing



Outline Dimensions (inch/mm)

A	B	C	D	E	F
.250	.31	.20	.100	.050	.055
6.35	7.87	5.08	2.54	1.27	1.40
G	H	J	K	wt	
.040	.070	.270	.050	grams	
1.02	1.78	6.86	1.27	0.50	

Features

- wideband, 0.8 to 500 MHz
- excellent return loss

Applications

- VHF/UHF
- receivers/transmitters

CASE STYLE: TT240

PRICE: \$3.75 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.

Transformer Electrical Specifications

Ω RATIO	FREQUENCY (MHz)	INSERTION LOSS*		
		3 dB MHz	2 dB MHz	1 dB MHz
1	0.8-500	0.8-500	1.2-350	3.2-180

* Insertion Loss is referenced to mid-band loss, 0.7 dB typ.

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	INPUT R. LOSS (dB)
0.80	0.87	11.84
1.20	0.87	13.26
2.20	0.87	15.37
3.20	0.86	16.68
91.60	0.74	14.38
180.00	0.92	10.21
265.00	1.32	7.79
350.00	1.28	6.22
425.00	1.87	5.32
500.00	2.01	4.63

Config. C

