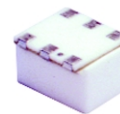


Surface Mount RFTransformer

50Ω

40 to 300 MHz

TX16-R3T+
TX16-R3T



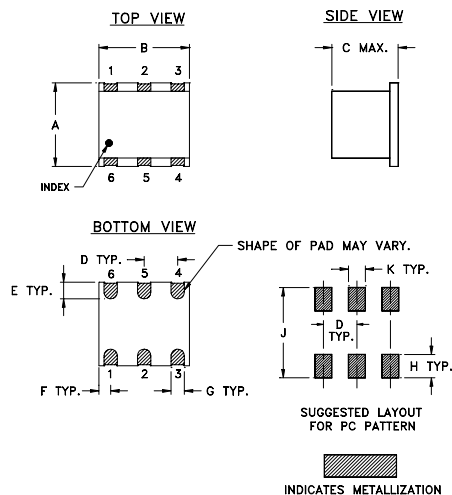
Maximum Ratings

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
SECONDARY DOT	3
SECONDARY	1
SECONDARY CT	2
NOTUSED	5

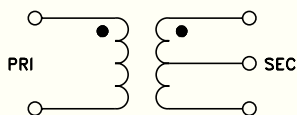
Outline Drawing



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	

Config. A



Features

- wideband, 40 to 300 MHz
- high impedance ratio 16:1
- leadless surface mount

Applications

- impedance matching of amplifiers
- push-pull amplifiers
- VHF/UHF receivers/transmitters

CASE STYLE: TT240

PRICE: \$4.95 ea. QTY (10-49)

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

See our web site for RoHS Compliance methodologies and qualifications.

Transformer Electrical Specifications

MODEL NO.	Ω RATIO	FREQUENCY (MHz)	INSERTION LOSS*		
			3 dB MHz	2 dB MHz	1 dB MHz
TX16-R3T(+)	16	40-300	40-300	60-220	70-150

* Insertion Loss is referenced to mid-band loss, 0.8 dB typ.

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	INPUT R. LOSS (dB)
40.00	0.78	10.69
45.00	0.81	12.21
60.00	0.91	15.24
65.00	0.94	15.89
70.00	0.96	16.23
110.00	1.13	12.90
150.00	1.44	9.60
185.00	1.58	7.74
220.00	2.00	6.29
300.00	2.74	4.30

TX16-R3T
INSERTION LOSS

