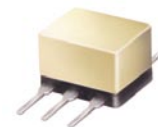


Surface Mount RF Transformer

50Ω 0.07 to 200 MHz

T2-613-1+
T2-613-1



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	X1,Y5,Z3
PRIMARY	X2,Y6,Z4

Features

- wideband, 0.07 to 200 MHz
- single ended to balanced with impedance ratio selection
- also available with surface mount gull wing (KK81) plug-in (X65) leads

CASE STYLE: W38
PRICE: \$1.95 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.

Applications

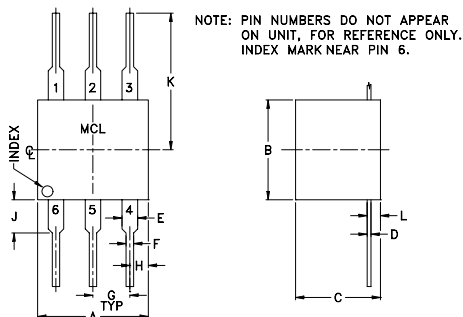
- HF/VHF
- test equipment

Transformer Electrical Specifications

Ω RATIO	FREQUENCY (MHz)	INSERTION LOSS*		
		3 dB MHz	2 dB MHz	1 dB MHz
1:1:2	0.07-200	0.07-200	0.1-100	0.5-50

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

Outline Drawing



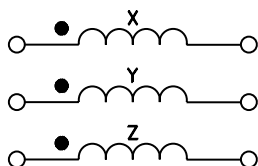
Outline Dimensions (inch)

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

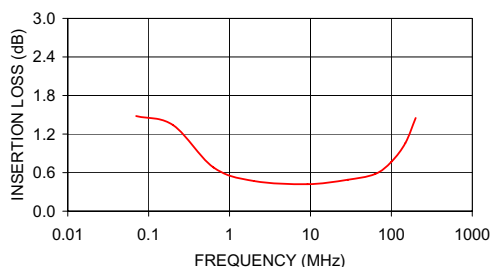
Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	INPUT R. LOSS (dB)
0.07	1.48	8.88
0.20	1.34	15.76
0.63	0.68	20.56
2.00	0.47	25.22
9.20	0.42	27.19
29.09	0.49	23.67
63.25	0.58	18.52
100.24	0.77	15.39
149.06	1.06	13.44
200.00	1.45	13.77

Config. F



T2-613-1
INSERTION LOSS



INTERNET <http://www.minicircuits.com>
P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661
Distribution Centers NORTH AMERICA 800-654-7949 • 417-335-5935 • Fax 417-335-5945 • EUROPE 44-1252-832600 • Fax 44-1252-837010
Mini-Circuits ISO 9001 & ISO 14001 Certified



REV. A
M98898
T2-613-1
IG/TD/CP
060804