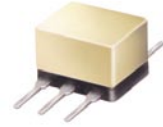


Surface Mount RF Transformer

50Ω

5 to 120 MHz

T2-1-2W+ T2-1-2W



CASE STYLE: W38
PRICE: \$5.95 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	2W
DC Current	30mA

Pin Connections

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

Features

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

Applications

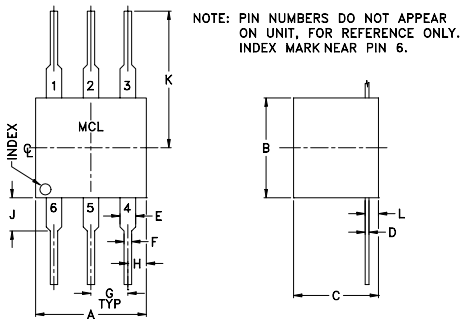
- HF/VHF
- receivers/transmitters

Transformer Electrical Specifications

Ω RATIO	FREQUENCY (MHz)	INSERTION LOSS*		
		3 dB MHz	2 dB MHz	1 dB MHz
2	5-120	—	—	5-120

* Insertion Loss is referenced to mid-band loss, 0.4 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)
5.00	0.37	18.23
13.00	0.42	20.02
24.00	0.41	19.80
36.00	0.49	18.79
50.00	0.46	17.40
66.00	0.50	15.90
81.00	0.55	14.60
96.00	0.61	13.50
111.00	0.68	12.53
120.00	0.71	12.01

Config. C

