

Surface Mount RFTransformer

50Ω

2 to 90 MHz

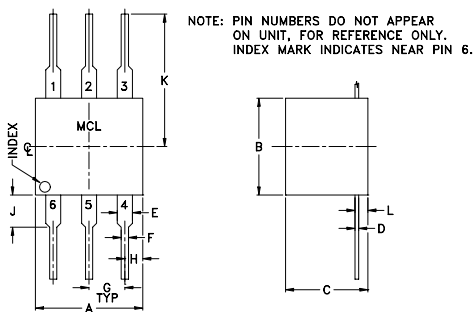
Maximum Ratings

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
SECONDARY CT	—
NOTUSED	2,5

Outline Drawing

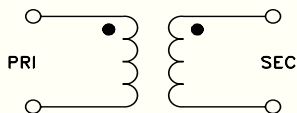


Outline Dimensions (inch)

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

Config. C



Features

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

Applications

- HF/VHF
- ham radio
- receivers/transmitters



CASE STYLE: W38

PRICE: \$6.45 ea. QTY (1-9)

+ 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
T9-1H-W38(+)	9	2-90	2-90	3-75	6-50

* Insertion Loss is referenced to mid-band loss, .3 dB typ.

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	INPUT R. LOSS (dB)
2.00	2.54	5.37
2.80	1.71	7.56
4.80	0.84	11.96
15.00	0.30	34.60
38.00	0.55	16.23
54.00	0.89	12.23
66.00	1.21	10.29
77.00	1.54	8.83
86.00	1.84	7.82
95.00	2.16	6.98

T9-1H-W38
INSERTION LOSS

