

Surface Mount RF Transformer

50Ω

8 to 300 MHz

T1-1H-W38+
T1-1H-W38

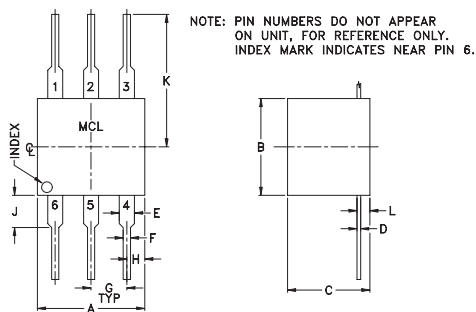
Maximum Ratings

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

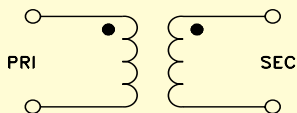


Outline Dimensions (inch/mm)

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

Config. C



Features

- wideband, 8 to 300 MHz
- good return loss
- also available with plug in (X65) surface mount gull wing (KK81) leads.



CASE STYLE: W38
PRICE: \$6.95 ea. QTY (1-9)

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

See our web site for RoHS Compliance methodologies and qualifications.

Applications

- VHF/UHF
- receivers/transmitters
- impedance matching

Transformer Electrical Specifications

MODEL NO.	Ω RATIO	FREQUENCY (MHz)	INSERTION LOSS*		
			3 dB MHz	2 dB MHz	1 dB MHz
T1-1H-W38(+)	1	8-300	8-300	10-200	25-100

* Insertion Loss is referenced to mid-band loss, .9 dB typ.

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	INPUT R. LOSS (dB)
8.00	2.89	3.88
20.41	1.19	9.28
44.50	0.85	13.20
81.00	0.91	14.00
105.09	1.01	13.59
154.00	1.18	12.25
190.50	1.42	11.04
214.59	1.48	10.32
263.50	1.65	8.87
300.00	2.02	7.84

T1-1H-W38
INSERTION LOSS

