

Surface Mount RF Transformer

50Ω

0.02 to 250 MHz

T4-6T-W38+
T4-6T-W38

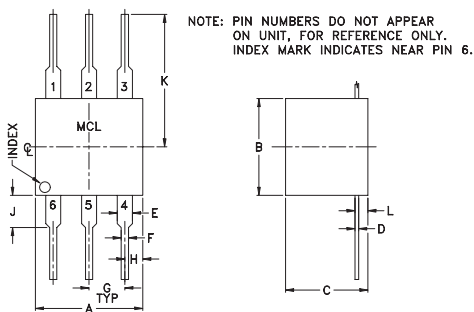
Maximum Ratings

Operating Temperature	-20°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power	.25W
DC Current	30mA

Pin Connections

PRIMARY DOT	4
PRIMARY	6
SECONDARY DOT	3
SECONDARY	1
SECONDARY CT	2
NOTUSED	5

Outline Drawing

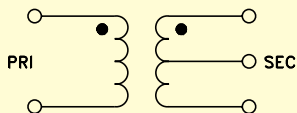


Outline Dimensions (inch/mm)

A	B	C	D	E	F
.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. A



Features

- wideband, 0.02 to 250 MHz
- excellent return loss
- also available with surface mount gull wing (KK81), plug in (x65) leads

Applications

- impedance matching
- push-pull amplifier



CASE STYLE: W38
PRICE: \$5.65 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
T4-6T-W38(+)	4	.02-250	.02-250	.05-150	0.1-100

* Insertion Loss is referenced to mid-band loss, .25dB typ.

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	INPUT R. LOSS (dB)
0.02	2.30	3.08
0.05	0.89	5.47
0.10	0.48	9.35
0.20	0.36	15.86
0.50	0.31	20.74
1.00	0.26	23.39
100.00	0.42	14.83
125.01	0.50	14.73
150.00	0.55	15.23
250.00	0.99	15.91

T4-6T-W38
INSERTION LOSS

