

# Surface Mount RF Transformer

50Ω

.2 to 600 MHz

## T4-2-W38+ T4-2-W38

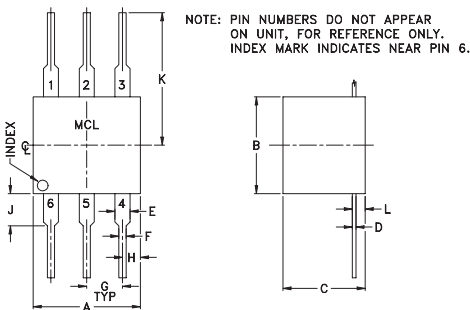
### Maximum Ratings

Operating Temperature	-20°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power	250mW
DC Current	30mA

### Pin Connections

PRIMARY DOT	6
PRIMARY	3
SECONDARY DOT	1
SECONDARY	3
CASE EXT.	3
NOTUSED	2,4,5

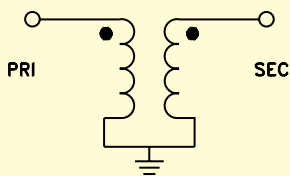
### Outline Drawing



### 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. D



### Features

- wideband, 0.2 to 600 MHz
- good return loss
- also available with surface mount gull-wing (KK81) and plug-in (X65) leads

### Applications

- impedance matching
- VHF/UHF



CASE STYLE: W38  
PRICE: \$3.95 ea. QTY (1-9)

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

See our web site for RoHS Compliance methodologies and qualifications.

### Transformer Electrical Specifications

MODEL NO.	Ω RATIO	FREQUENCY (MHz)	INSERTION LOSS*		
			3 dB MHz	2 dB MHz	1 dB MHz
T4-2-W38(+)	4	.2-600	.2-600	5-500	2-250

\* Insertion Loss is referenced to mid-band loss, .6 dB typ.

### Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	INPUT R. LOSS (dB)
0.20	1.37	11.78
0.63	0.93	16.67
2.00	0.66	21.14
154.00	0.62	16.06
290.00	0.72	8.60
380.00	0.86	5.52
455.00	1.04	3.83
520.00	1.27	2.95
570.00	1.50	2.41
600.00	1.66	2.16

