

# Surface Mount RF Transformer

50Ω .3 to 120 MHz

T16-1-X65+  
T16-1-X65

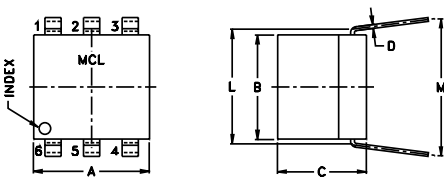
## Maximum Ratings

Operating Temperature	-20°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power	0.25W
DC Current	30mA

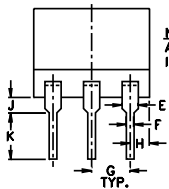
## Pin Connections

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

## Outline Drawing



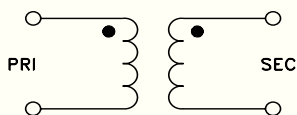
NOTE: PIN NUMBERS DO NOT APPEAR ON UNIT, FOR REFERENCE ONLY. INDEX MARK INDICATES PIN 6.



## Outline Dimensions (inch/mm)

A	B	C	D	E	F	G
.30	.27	.23	.10	.042	.020	.100
7.62	6.86	5.84	2.54	1.07	0.51	2.54
H	J	K	M	N	P	wt
.05	.04	.11	.300	.35	.35	grams
1.27	1.02	2.79	7.62	8.89	8.89	0.50

## Config. C

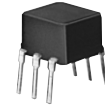


## Features

- wideband, 0.3 to 120 MHz
- excellent return loss
- also available with flat-pack(W38) and surface mount gull-wing (KK81) leads

## Applications

- HF/VHF
- impedance matching
- receivers/transmitters



CASE STYLE: X65  
PRICE: \$4.45 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
T16-1-X65(+)	16	.3-120	.3-120	.7-80	5-20

\* Insertion Loss is referenced to mid-band loss, .8 dB typ.

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	INPUT R. LOSS (dB)
0.30	2.48	6.85
1.01	1.48	13.30
2.17	1.13	16.98
10.03	0.78	16.23
20.13	0.81	10.21
45.28	0.93	4.59
46.55	0.93	4.49
100.51	1.51	1.58
108.53	1.62	1.41
120.00	1.76	1.24

T16-1-X65  
INSERTION LOSS

