# **RF Transformer**

0.2 to 350 MHz

## T4-1-X65+ T4-1-X65



CASE STYLE: X65 PRICE: \$3.25 ea. QTY (1-9)

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

The +Suffix identifies RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications.

#### **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	2
NOT USED	5

**Features** 

· good return loss

 impedance matching receivers/transmitters

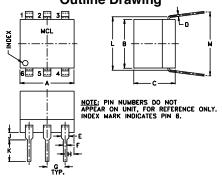
· wideband, 0.2 to 350 MHz

· also available with flat-pack (W38) & surface mount gull-wing (KK81) leads

- · balance antennas

**Applications** 

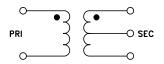
#### **Outline Drawing**



#### Outline Dimensions (inch )

G	F	E	D	С	В	Α
.100	.020	.042	.010	.23	.27	.30
2.54	0.51	1.07	0.25	5.84	6.86	7.62
wt		M	L	K	J	Н
grams		.35	.300	.11	.04	.05
0.50		8.89	7.62	2.79	1.02	1.27

#### Config. A



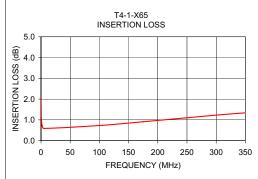
### **Transformer Electrical Specifications**

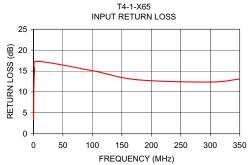
	Ω <b>RATIO</b> (Secondary/Primary)	FREQUENCY (MHz)	3 dB MHz	INSERTION LOSS*  2 dB  MHz	1 dB MHz
Ī	4	0.2-350	0.2-350	0.35-300	2-100

<sup>\*</sup>Insertion Loss is referenced to mid-band loss, 0.6 dB typ.

#### **Typical Performance Data**

FREQUE (MHz		INPUT R. LOSS (dB)	
0.20	2.06	3.31	
0.35	1.33	7.01	
0.50	1.13	9.36	
1.00	0.92	12.67	
2.00	0.72	15.24	
5.00	0.59	17.34	
100.00	0.73	15.07	
175.10	0.91	12.93	
300.00	1.23	12.36	
350.00	1.34	13.08	











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