

Plug-In RF Transformer

50Ω 0.01 to 50 MHz

TT2.5-6-X65+
TT2.5-6-X65



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

Features

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

Applications

- HF/VHF
- impedance matching
- radio communication

CASE STYLE: X65
PRICE: \$6.45 ea. QTY (1-9)

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

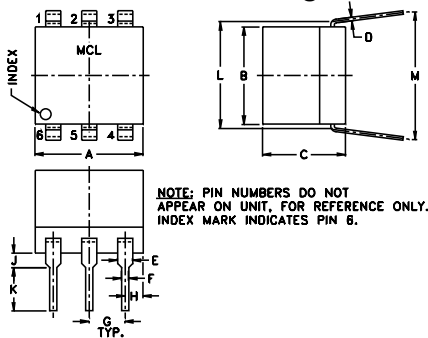
The +Suffix identifies RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications.

Transformer Electrical Specifications

Ω RATIO (Secondary/Primary)	FREQUENCY (MHz)	INSERTION LOSS*		
		3 dB MHz	2 dB MHz	1 dB MHz
2.5	0.01-50	0.01-50	0.025-25	0.05-10

* Insertion Loss is referenced to mid-band loss, 0.2 dB typ.

Outline Drawing



Outline Dimensions (inch/mm)

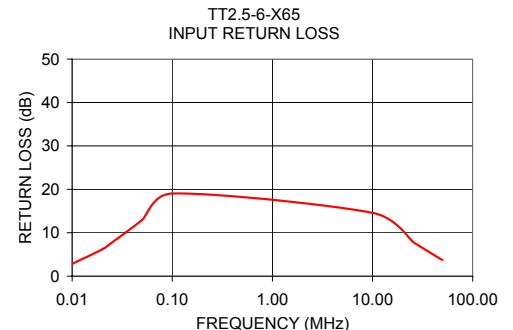
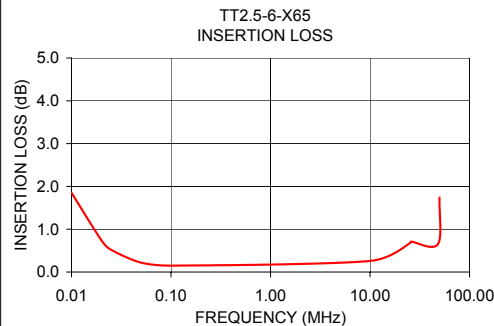
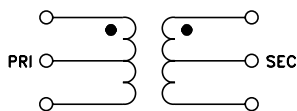
A	B	C	D	E	F	G
.30	.27	.23	.010	.042	.020	.100
7.62	6.86	5.84	0.25	1.07	0.51	2.54

H	J	K	L	M	wt
.05	.04	.11	.300	.35	grams
1.27	1.02	2.79	7.62	8.89	0.50

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	INPUT R. LOSS (dB)
0.01	1.85	2.83
0.02	0.74	6.20
0.03	0.52	7.77
0.05	0.22	12.98
0.10	0.15	19.05
10.00	0.26	14.59
25.00	0.67	8.03
25.89	0.71	7.73
48.08	0.65	3.91
50.00	1.74	3.73

Config. B



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RF/IF MICROWAVE COMPONENTS

REV. A
M98898
TT2.5-6-X65
IG/TD/CP
070718