RF Transformer

T1-6T-X65+ T1-6T-X65

0.015 to 300 MHz

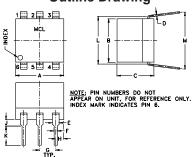
Maximum Ratings

Operating Temperature	-20℃ to 85℃
Storage Temperature	55℃ to 100℃
RF Power	0.25W
DC Current	30mA
Permanent damage may occur if any o	of these limits are exceeded

Pin Connections

4
6
3
1
2
5

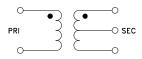
Outline Drawing



Outline Dimensions (inch)

Α	В	С	D	Е	F	G
.30	.27	.23	.010	.042	.020	.100
7.62	6.86	5.84	0.25	1.07	0.51	2.54
Н	J	K	L	М		wt
H .05	J .04	K .11	L .300	M .35		wt grams

Config. A



Features

- wideband, 0.015 to 300 MHz
- excellent return loss
- also available with flat-pack (W38) & surface mount gull-wing (KK81) leads

Applications

- VHF/UHF receivers/transmitters
- impedance matching

CASE STYLE: X65 PRICE: \$6.95 ea. QTY (1-9)

+RoHS Compliant

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

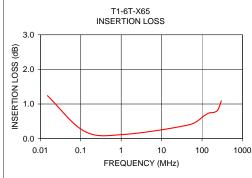
Transformer Electrical Specifications

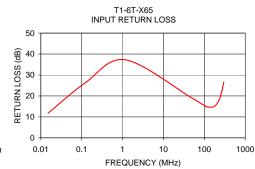
RATIO	FREQUENCY (MHz)	INSERTION LOSS*		
		3 dB MHz	2 dB MHz	1 dB MHz
1	0.015-300	0.015-300	0.021-150	0.03-50

*Insertion Loss is referenced to mid-band loss, 0.1 dB typ.

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	INPUT R. LOSS (dB)	
0.02	1.24	11.77	
0.13	0.21	26.45	
1.15	0.12	37.26	
47.47	0.40	19.27	
111.99	0.66	14.92	
147.83	0.74	14.64	
175.75	0.75	15.08	
209.75	0.77	16.64	
250.25	0.84	20.06	
300.00	1.09	26.64	





- A. Performance and quality attributes and conditions not expressly stated in this specification document are intended to be excluded and do not form a part of this specification document.

 B. Electrical specifications and performance data contained in this specification document are based on Mini-Circuit's applicable established test performance criteria and measurement ins.

 C. The parts covered by this specification document are subject to Mini-Circuits standard limited warranty and terms and conditions (collectively: "Standard Terms"): Purchases of this part. Electrical specifications and performance data contained in this specification document are based on Mini-Circuit's applicable established test performance criteria and measurement instructions.

 The parts covered by this specification document are subject to Mini-Circuits standard limited warranty and terms and conditions (collectively, "Standard Terms"); Purchasers of this part are entitled to the rights and benefits contained therein. For a full statement of the Standard Terms and the exclusive rights and remedies thereunder, please visit Mini-Circuits' website at www.minicircuits.com/MCLStore/terms.jsp