

50Ω

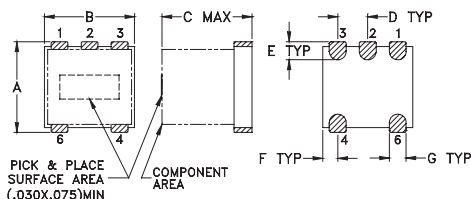
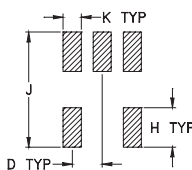
3 to 300 MHz

TC2-1TG2+**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

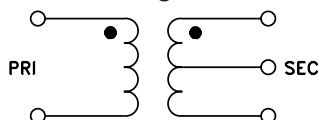
PRIMARY DOT	6
PRIMARY	4
SECONDARY DOT	1
SECONDARY	3
SECONDARY CT	2

Outline Drawing AT224-3**PCB Land Pattern**

Suggested Layout,
Tolerance to be within ±.002

Outline Dimensions (inch)

A	B	C	D	E	F
.150	.150	.150	.050	.030	.025
3.81	3.81	3.81	1.27	0.76	0.64
G	H	J	K	wt	
.028	.065	.190	.030	grams	
0.71	1.65	4.83	0.76	0.10	

Config. A**Features**

- suitable for tin/lead and RoHS solder systems
- good return loss
- excellent amplitude unbalance, (0.5 dB typ.) and phase unbalance, (4 deg. typ.) in 1 dB bandwidth
- aqueous washable

Applications

- impedance matching
- balanced to unbalanced transformation
- push-pull amplifiers

CASE STYLE: AT224-3

PRICE: \$1.49 ea. QTY (100)

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

The +Suffix has been added in order to identify RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications.

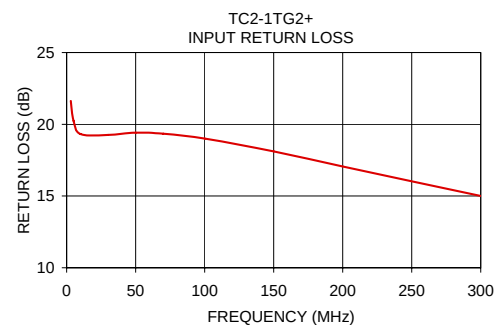
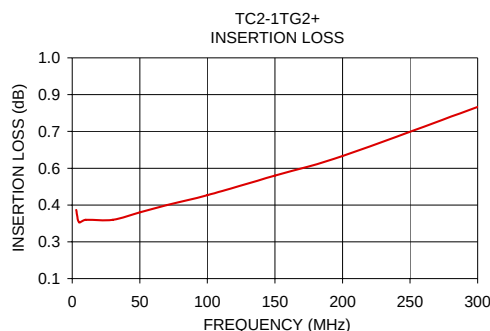
Transformer Electrical Specifications

Ω RATIO (Secondary/Primary)	FREQUENCY (MHz)	INSERTION LOSS*		
		3 dB MHz	2 dB MHz	1 dB MHz
2	3-300	—	—	3-300

* Insertion Loss is referenced to mid-band loss, 0.4 dB typ.

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	INPUT R. LOSS (dB)
3.00	0.38	21.63
5.00	0.33	20.24
10.00	0.34	19.32
30.00	0.34	19.26
50.00	0.37	19.41
70.00	0.40	19.34
100.00	0.44	19.00
150.00	0.52	18.11
200.00	0.60	17.06
300.00	0.80	15.00



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RF/IF MICROWAVE COMPONENTS

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