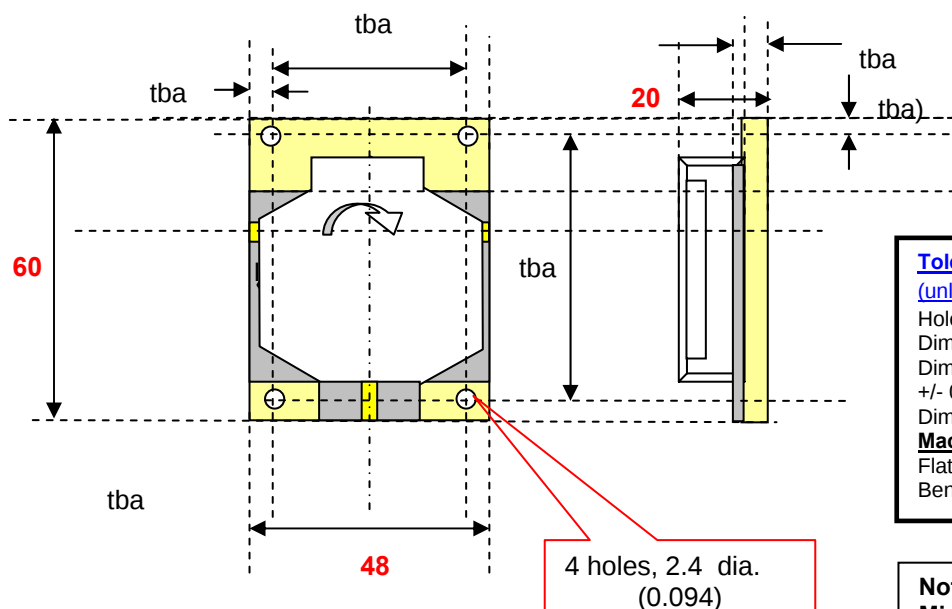


Microstrip, Circulator 121-130MHz, Full Band 1 Watt Reverse / 50 Watts Forward Power



Tolerance Table Metric (inch)

(unless otherwise stated):

Hole diameter +/- 0.1mm, (+/- 0.004")

Dimensions (w*h) +/- 0.3 mm, (+/- 0.015")

Dimensions (Microstrip pad, Stripline Tab, +/- 0.1mm, (+/- 0.04")

Dimensions (hole position) +/- 0.1mm, (+/- 0.04")

Machined surfaces

Flatness 0.025/mm, (0.001/ inch)

Bend radius 0.8mm, (0.031" or 1/32")

4 holes, 2.4 dia.
(0.094)

Units: Inch(mm)
Not to scale

Direction of RF:	
R	Default →
L	←

Order Examples: RAD**C**-121-130M-MS-1WR(50W Fwd)-b
C=CIRCULATOR

Note:

Microstripline pads is thin film gold over a copper layer, that will readily accept regular Sn Pb solder.

Soldering is very easy due to the poor thermal conductivity of the ferrite.

The interface is also ideal for any kind of gold bonding.

Typical frequency bands (others available)

Specifications	PROVISIONAL	Units
Frequency	121-130	MHz
Insertion loss	0.8	dB
Isolation	18	dB (target 20dB)
VSWR (in and out)	1.3:1	(max)
Forward power	50	Watts (max.)
Reverse power	1	Watts
Operating temperature	-10 to 60	°C
Storage temperature	-40 to 85	°C

RADC-121-130M-MS-1WR(50W Fwd)-b

Specifications may be subject to change

06/14/13

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