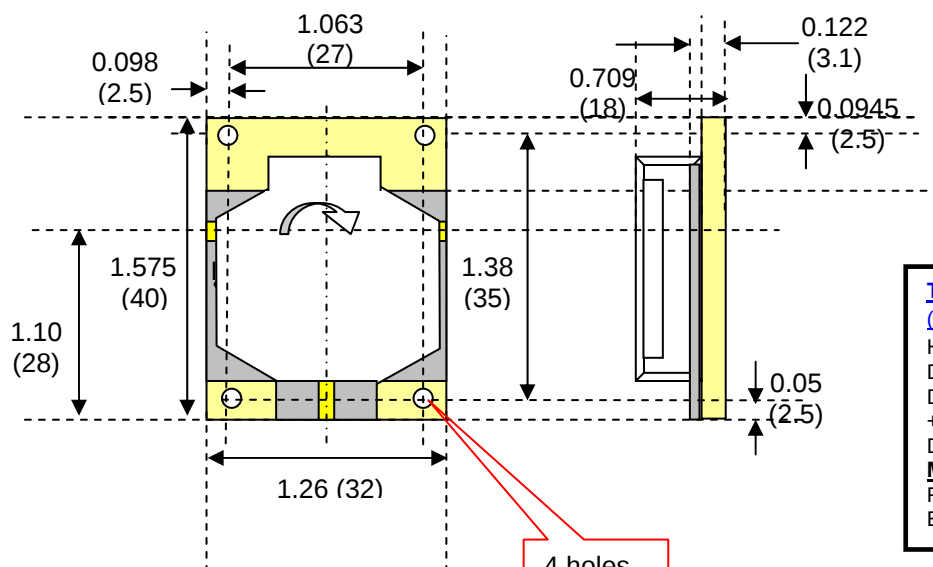


Microstrip, Circulator 183-210MHz, Split Bands 20Watts or 50Watts



Units: Inch(mm)
Not to scale

4 holes,
2.4 dia.

Direction of RF:	
R	Default
L	

Order Examples: RAD**C**-183-185M-MS-20**WR**
C=CIRCULATOR

Typical frequency bands (others available)

Specifications	183 to 185	190-210	Units
Frequency	183 to 185	190-210	MHz
Insertion loss	0.7	0.7	dB
Isolation	18	18	dB
VSWR (in and out)	1.25:1	1.3:1	max
Forward power handling	20	50	Watts
Reverse power	20	50	Watts
Operating temperature	-25 to +55	+25	°C
Storage temperature	-40 to +85	-40 to +85	°C



Tolerance Table Metric (inch) (unless otherwise stated):

Hole diameter ± 0.1 mm, (± 0.004 ")
Dimensions (w*h) ± 0.3 mm, (± 0.015 ")
Dimensions (Microstrip pad, Stripline Tab, ± 0.1 mm, (± 0.04 ")
Dimensions (hole position) ± 0.1 mm, (± 0.04 ")
Machined surfaces
Flatness 0.025/mm, (0.001/ inch)
Bend radius 0.8mm, (0.031" or 1/32")

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 king of gold bonding.