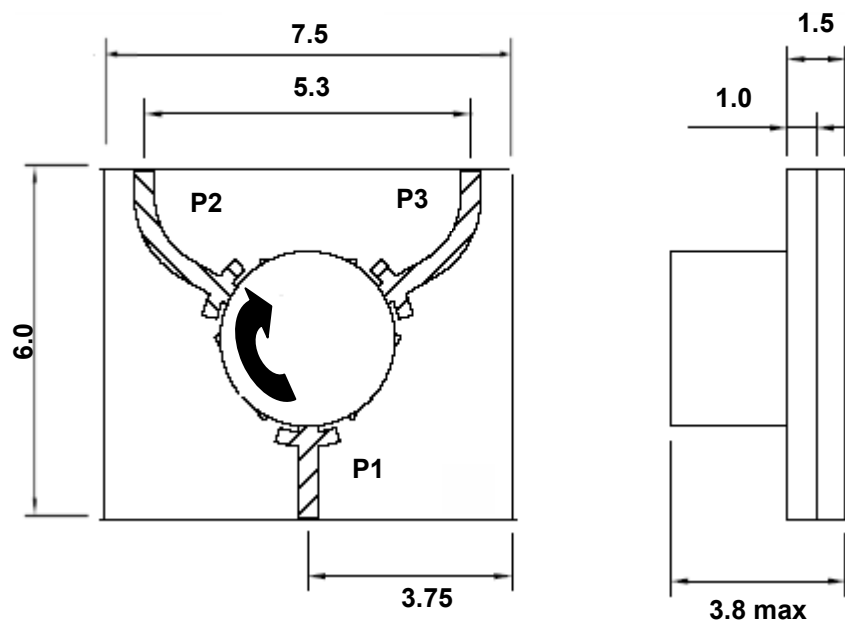


Circulator, Y Shape, Metal Backed Substrate, 12-15GHz, MSSMY, 10Watts, (7.5x6.0)



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

Dimensions (w*l*h) +/- 0.3 mm, (+/- 0.015")
Dimensions (Microstrip pad
+/- 0.1mm, (+/- 0.04")

Machined surfaces

Flatness 0.025/mm, (0.001/ inch)
Bend radius 0.8mm, (0.031" or 1/32")

Units: mm
Not to scale

Direction of RF:

R	Default	▶
L		◀

Order Examples: RAD**C**-12-15-MSSMY-10WR**(7.5x6.0)-b**
C=CIRCULATOR

Specifications		Units	
Frequency Range		12-15	
		GHz	
Insertion Loss p1 to p2 (IL12)		0.6	0.8
		dB	
Insertion Loss p3 to p1 (IL 31)		0.6	0.8
		dB	
Isolation p2 to p1 (Iso21)		18	17
		dB	
Isolation p3 to p2 (Iso32)		18	17
		dB	
Isolation p3 to p1 (Iso31)		18	17
		dB	
VSWR		1.30:1	1.40:1
Room Temp.	Operating Temp. Range	+25	-45 to +85
		°C	
Storage Temperature		-40 to +85	
		°C	
Power Forward (peak) (Pwf)		10	Watts
Power (CW)		10	Watts

Notes:

1. Plating: Gold
2. Tuning conductor (97In3Ag) optional location and configuration determined by customer.
3. Humidity 5 to 95% non-condensing.
4. Maximum temperature during welding process: +350°C @ 25 msec.

RADC-12-15-MSSMY-10WR(7.5x6.0)-b

Specifications may be subject to change

06/19/13

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