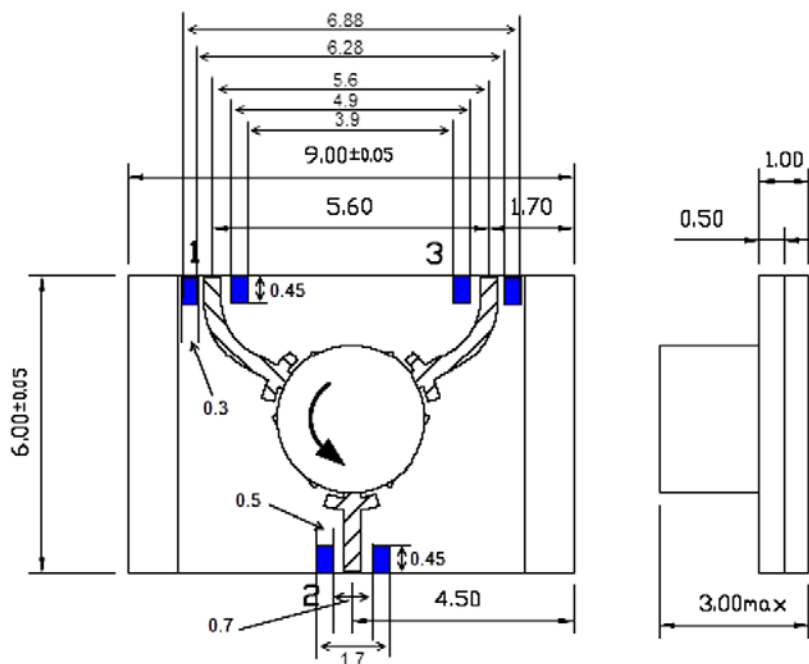


Circulator, Y Shape, Metal Backed Substrate, 12.0-13.5GHz, MSSMY, 3Watts, 10Watts Peak, 9x6-PAD-b



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**-12.0-13.5-MSSMY-3WL(10W Pk)9x6-b

C=CIRCULATOR

Specifications		Units
Frequency:	12.0-13.5	GHz
Power Peak	10	Watts
Power Average	3	Watts
Operational Temperature	-10 to 85@ CW up to 130°C for 2 minutes max	°C
Insertion loss @ Port 1 to Port 2	0.5	dB max
Insertion loss @ Port 2 to Port 3	0.5	dB max
Isolation @ all ports	18	dB min
VSWR	1.30:1	
Return loss @ all ports	17.690	dB max
Direction	counter-clockwise	
Terminal connections (see note 1 at attached drawing)	Ground Signal Ground 250 Micrometer pitch	
Environmental Conditions		
Temperature:	-25°C to 85°C	
Storage Temperature	-40 to +85°C	
Mechanical Shock:	25g for 11msec	

RADC-12.0-13.5-MSSMY-3WL(10W Pk)9x6-PAD-b

Specifications may be subject to change

06/19/13

WORLD HQ: 1702L Meridian Ave. Suite 127, San Jose, Ca 95125, U.S.A.

Tel: (408) 266-7404

FAX: (408) 266-4483

WEB: www.raditek.com

E-mail: sales@raditek.com