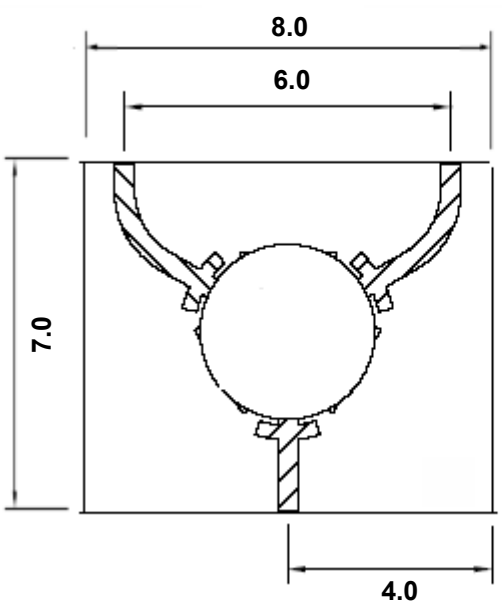
RADITEK INC.

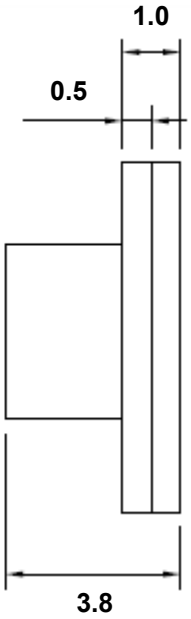
RoHS COMPLIANT

code-b

Circulator, Y Shape, Metal Backed Substrate

RADC-12-14-MSSMY-10WR





Units: mm
Not to scale

Direction of RF:	
R	Default ▶
L	◀

Order Examples: RADC-12-14-MSSY-10WR
C=CIRCULATOR

Specifications		Units
Frequency Range	12-14	GHz
Insertion Loss p2 to p1 (IL21)	≤0.6	dB
Insertion Loss p1 to p3 (IL 13)	≤1	dB
Isolation p1 to p2 (Iso12)	>20	dB
Isolation p3 to p2 (Iso32)	>20	dB
Isolation p2 to p3 (Iso23)	>20	dB
Isolation p3 to p1 (Iso31)	>30	dB
VSWR	<1.25	:1
Power Forward (peak) (Pwf)	>10	Watts
Power (CW)	>10	Watts
Operating Temperature Range(top)	-45 to +85	ºC
Storage Temperature (tstr)	-55 to +125	ºC

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: +350ºC @ 25 msec.

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