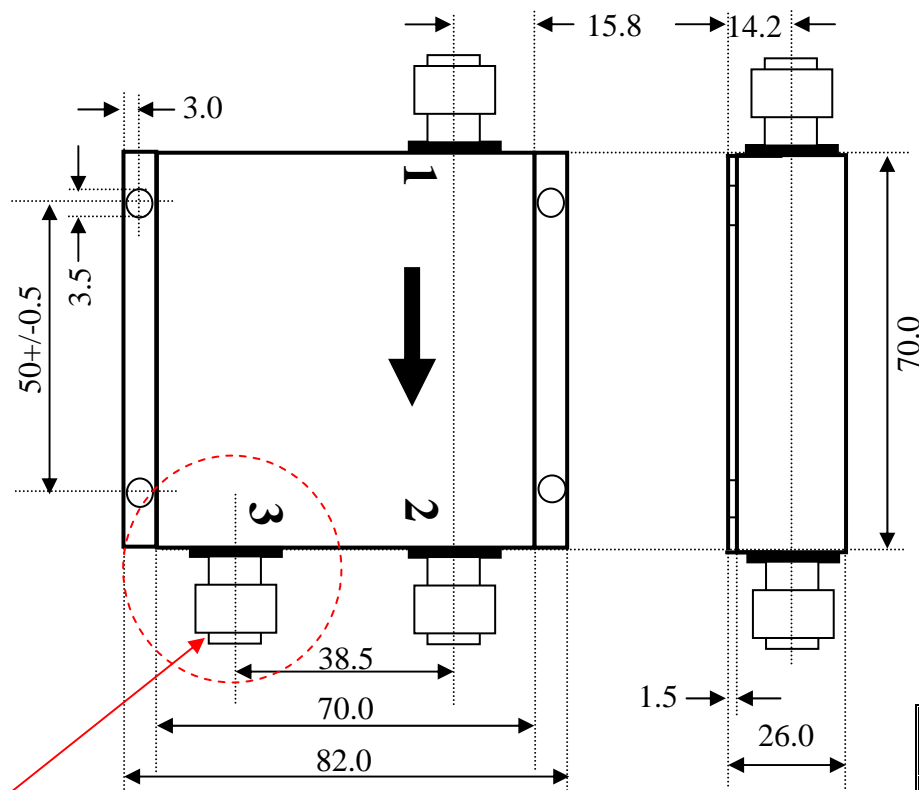


Isolator or Circulator, SMA or N connectors RADCorI-225-400M-SX-XW (1, 5, 10, 25, 35, 40, 50*Watts)

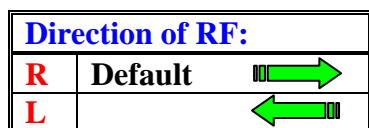


****Isolators are to be installed on heat conducting metallic surfaces made on non-magnetic metals (aluminum, copper, ect).**

It is not advised to install the devices on magnetic surfaces (steel, iron, etc.) and not advised to install the devices at distance less than 20mm of each other.

Tolerance (unless otherwise stated):
Hole diameter +/- 0.004
Dimensions +/- 0.015
Machined surfaces $\sqrt{63}$
Flatness 0.001/inch
Bend radius 1/32 inch

**Port 3 not fitted on isolator Model
5/10/50 Watt isolators have internal load in place of port 3**



Units: mm
Not to scale

Order Examples: RADC-F1-F2M-NX-25WR

I=ISOLATOR / C=CIRCULATOR

N / SMA Connector options (X)				
Isolator		Circulator		
Port 1	Port 2		Port 3 Male	Port 3 Female
Female	Male	-1	-11	-21
Male	Female	-2	-12	-22
Female	Female	-3	-13	-23
Male	Male	-4	-14	-24

Specifications:	Full	Full	Full	
Frequency	225-400	225-400	250-450	MHz
Insertion loss	1.5	1.0	1.5*	dB
Isolation	15	17	15*	dB
VSWR	1.5	1.4	1.5*	:1
Power Fwd	100	100	100	Watts
Power Rev	1, 5, 10, 35 or 25, 40 or 50	1, 5, 10, 35 or 25, 40 or 50	1, 5, 35, 10, or 25, 50	Watts
Temperature	-10 to 50	Room Temp	-10 to 50	°C
Connector	SMA or N-type	SMA or N-type	SMA or N-type	

RADCorI-225-400M-NX-1-50W-b Specifications may be subject to change

07/10/07

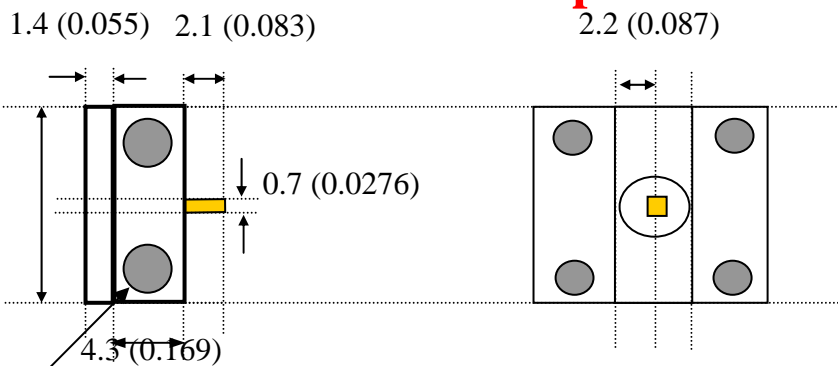
WORLD HQ: 1702H Meridian Ave. Suite 127, San Jose, Ca 95125, U.S.A.

Telephone: (408) 266-7404 FAX: (408) 266-4483

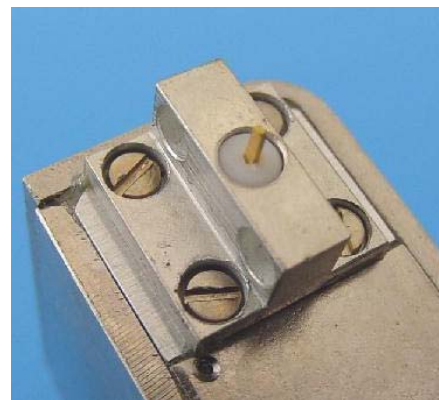
WEB: www.raditek.com, E-mail: sales@raditek.com

Isolator or Circulator, SMA or N connectors
RADCorI-225-400M-SX-XW (1, 5, 10, 25, 35, 40, 50*Watts)

B4 Connector Option



Screw down holes for grounding



Alternative connector option (B4), so unit can be used as a "drop in." Note the screw down holes must clamp the grounding surfaces together.