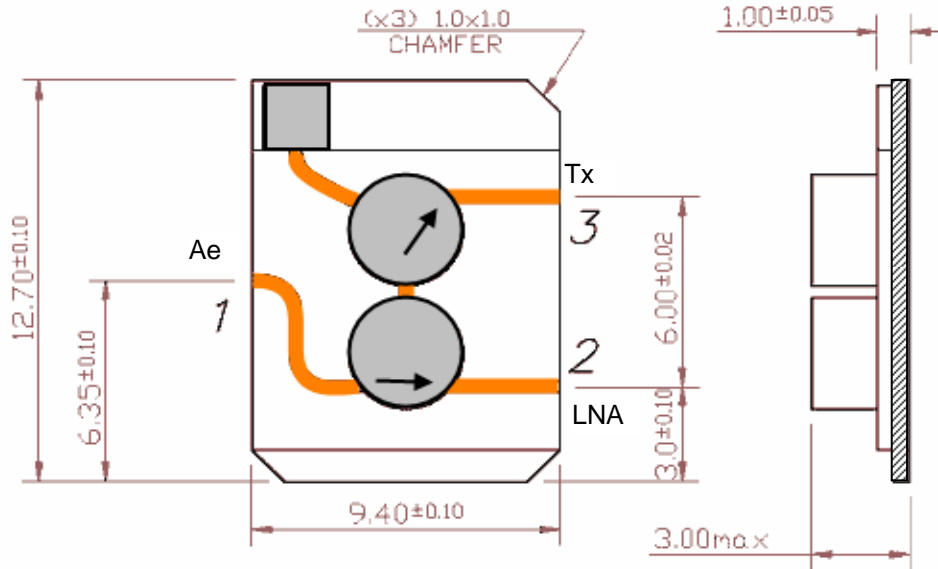


Microstrip X-Band 10% Bandwidth Isolator/Circulator 9.3-15.6 GHz, Dual Junction MSSM Metal Backed Substrate

Dual junction miniature Microstrip isolators/circulators
 These devices provide better channel isolation between antenna, transmitter and receiver.
 Minimum isolation between antenna and transmitter will be 33dB.
 With less than 0.5dB(@ 10GHz loss through antenna to receiver channel).



X Band Unit shown
Units: mm (Inch)
Not to scale

Direction of RF:	
R	Default
L	

Order Examples: **RADIC-9.3-10.0-MSSM-DJ-6WR**

Specifications	Ports	9.3-10.0	13.0-15.0	14.0-15.6	Units
Frequency Range		9.3-10.0	13.0-15.0	14.0-15.6	GHz
Bandwidth		10	9	9	%
Insertion Loss (Port to Port)	1-2	0.5	0.5	0.5	dB (max)
	3-1	0.9	0.9	0.9	dB (max)
Isolation (Port to Port)	2-1	20	20	20	dB (min)
	2-3	20	33	33	dB (min)
	3-2	20	20	20	dB (min)
	1-3	36			
VSWR (max)		1.25	1.25	1.25	:1
Forward Power		6	2	2	Watts
Load Power		6	2	2	Watts
Operational Temp Range		-40 to +85	-40 to +85	-40 to +85	°C

Application Note:

- 1) The device should be mounted on the non-magnetic carrier or base, i.e. Aluminum
- 2) Humidity 5 to 95% non-condensing.
- 3) Max temperature during welding process: +350 °C @ 25 msec
- 4) Do not heat above 130°C