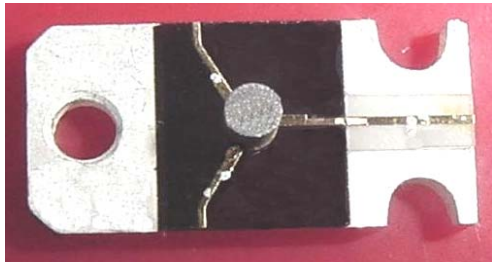
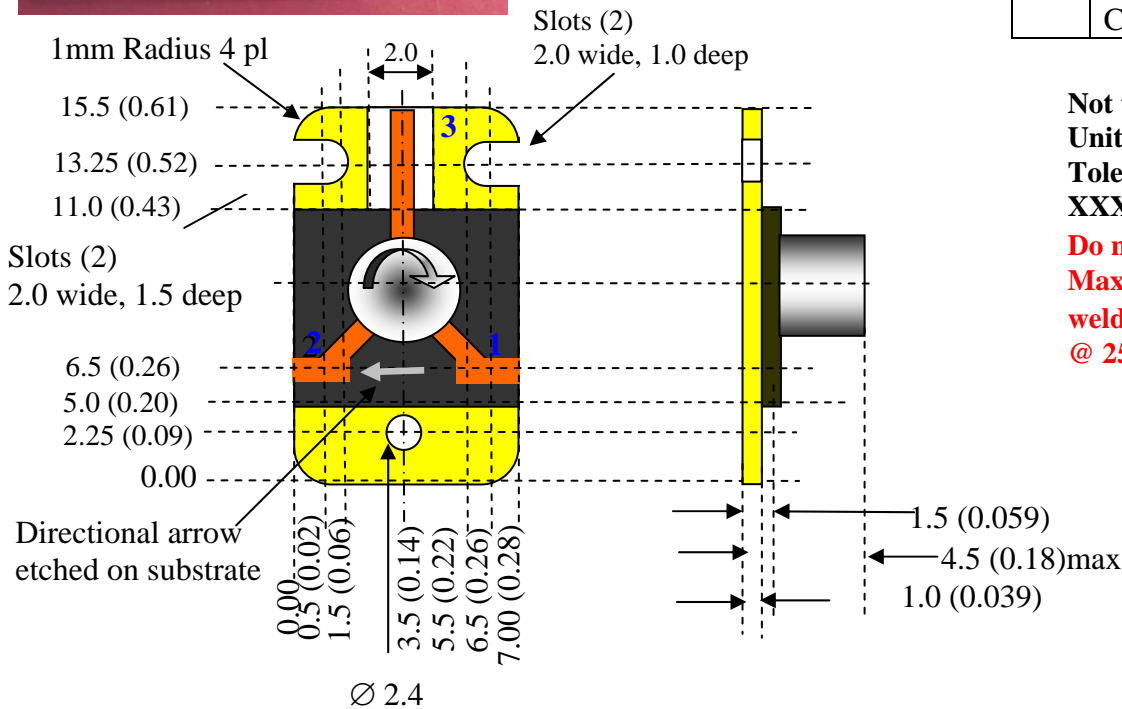


9.2-17.0GHz Microstrip Circulator on carrier MS41 1 to 3 GHz Bandwidth



Part #: Frequency Range (GHz)-Power
eg: RADC-14.0-14.5-MS41-10W

Direction of RF:	
R	Clockwise
L	Counter Clockwise



Not to scale

Units: mm (inch)

Tolerance: .XX ±0.03

XXX +0/-0.02 mm

Do not heat above 130°C
Max temperature during
welding process +350°C
@ 25m sec

Option: -HI (High Impact) Lower Magnet, Stronger adhesive, Reinforcing adhesive around magnet

Specifications:					Units
Bandwidth	1.0	1.5	2.0	3.0	GHz
Insertion loss (I.L.) P1-P2	0.5	0.6	0.7	1	dB (maximum)
Insertion loss (I.L.) Other port	0.6	0.7	0.8	1.1	
Isolation	18	17	15	13	dB (minimum)
VSWR	1.24	1.3	1.4	1.5	:1
Return loss					dB
Rated power- Forward	10	10	10	10	Watts (maximum)
Rated power- Reverse	10	10	10	10	Watts (maximum)

Standard operating Temperature -40 to 70°C. Storage Temperature: -40 to 85°C

9.2-17.0GHz Microstrip Circulator on carrier MS41 1 to 3 GHz Bandwidth

	Freq. GHz	Insert Loss dB	Isol. dB	VSWR :1	Power Fwd	Power Rev	Temperature °C	% BW	code
MS41	9.2-9.6	0.5	20	1.25	20Pk	10	-40 to +70		
MS41	10.5-11.0	0.5	20	1.25	20Pk	10	-40 to +70		
MS41	13.5-14.5	0.5/0.6	18	1.24	20Pk	20	-40 to +70		
MS41	13.75-14.5	0.5	20	1.25	20Pk	20	-40 to +70		
MS41	14.0-14.5	0.5	19	1.24	10	10	-40 to +70		
MS41	15.2-18.2	0.6	19	1.3	10	10	-40 to +70		
MS41	15.5-17.5	0.6	20	1.25	10	10	RT		
MS41	15.5-17.5	0.7	18	1.30	10	10	--30 to +70		
MS41	15.5-17.5	0.7	15	1.4	10	10	-54 to +85		
MS41	16.0-17.0	0.6	18	1.25	10	10	-40 to +70		p
MS41	17.0-17.5	0.5	18	1.25	10	10	-40 to +70		