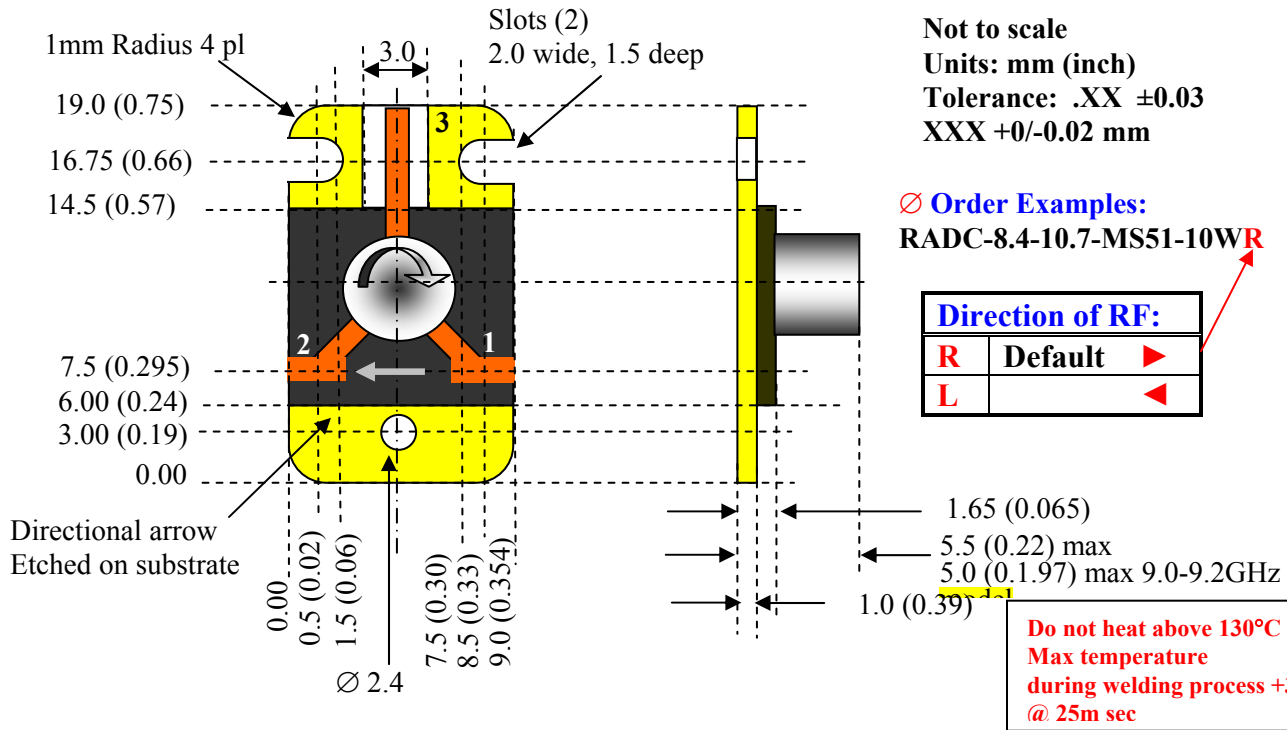


8-14 GHz Microstrip Circulator on carrier MS51

1 to 3 GHz Bandwidth



Specifications:					Units
Bandwidth	1.0	1.5	2.0	3.0	GHz
Insertion loss (I.L.)	0.5	0.5	0.6	0.6	dB (maximum)
Isolation	20	19	18	17	dB (minimum)
VSWR	1.22	1.25	1.3	1.33	:1
Return loss	20	19	18	17	dB
Rated power- Forward	10	10	10	10	Watts (maximum)
Rated power- Reverse	10 or 1	10 or 1	10 or 1	10 or 1	Watts (maximum)

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

8-14 GHz Microstrip Circulator on carrier MS51 1 to 3 GHz Bandwidth

	Freq. GHz	Insert Loss <dB	Isol. >dB	Return loss >dB	VSWR :1	Power Fwd	Power Rev	Temperature °C	% BW	code
MS51	8.-12	1.5	12	12	1.68	10	10	-40 to +85	wb	b 10/2/06
MS51	8.4-10.7	0.6	17	17	1.33	10	10or1	-40 to +70		p
MS51	8.5-8.6	0.6	18	17	1.33	10	10or1	-40 to +70		p
MS51	8.5-10.0	0.5	19	19	1.25	10	10 or 1	-40 to +70		
MS51	8.5-10.5	0.6	20	17.7	1.3	10	10	-40 to +70		p
MS51	8.5-11.0	0.6	17	17	1.33	10	10or1	-40 to +70		p
MS51	9.0-9.2	0.5 (0.6)	20 (18)	19.1 (17.7)	1.25 (1.3)	5	5	+25 (-10 to +70)		b
MS51	9.0-10.0	0.5	20	19.1	1.25	20	20	-40 to +70		b 06-06-07
MS51	9.0-10.5	0.6	18	17	1.33	10	10or1	-40 to +70		p
MS51	9.0-11.0	0.6	17	17	1.33	10	10or1	-40 to +70		p
MS51	9.1-9.6	0.5	20	20	1.22	10or1	10or1	-40 to +70		e 11-27-03
MS51	9.2-10.2	0.4	20	19.1	1.25	10or1	10or1	-40 to +70		b 10-2-06
MS51	10.95-12.75	0.5	20	19.1	1.25	10or1	10or1	-40 to +70		b SO 9298

