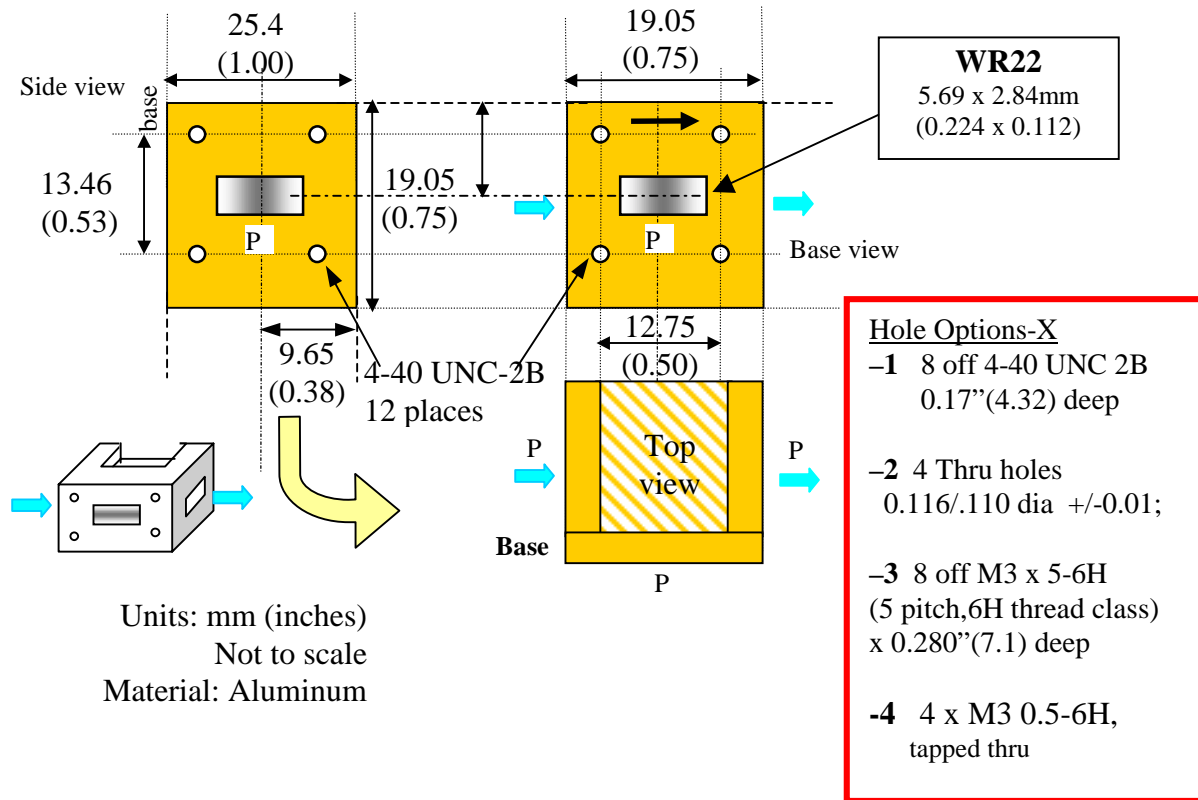


## Circulator, Waveguide, WR22, 33-50GHz RADC-33-50 -WR22-1WR (2GHz BW or 10% or Full band)



Isolator specifications	Any 2 GHz Bandwidth	Full Band	Units
Frequency	33-50	33-50	GHz (full band)
Insertion loss	0.30	0.5	dB maximum
Isolation	22	15.5	dB minimum
VSWR	1.22:1	1.4:1	
Return loss	20	15.5	dB minimum
Rated power options	1W	1W	Watt minimum
Waveguide interface type	WR22	WR22	
Operating temperature	-40 to +85	+15 to +35	°C
Storage temperature	-50 to 105	-50 to 105	°C
Altitude	to 15,000	to 15,000	feet
Humidity	to 95	to 95	%

*Note Full band model uses special ferrite and requires extensive tuning,  
10 % bandwidth models are significantly cheaper*