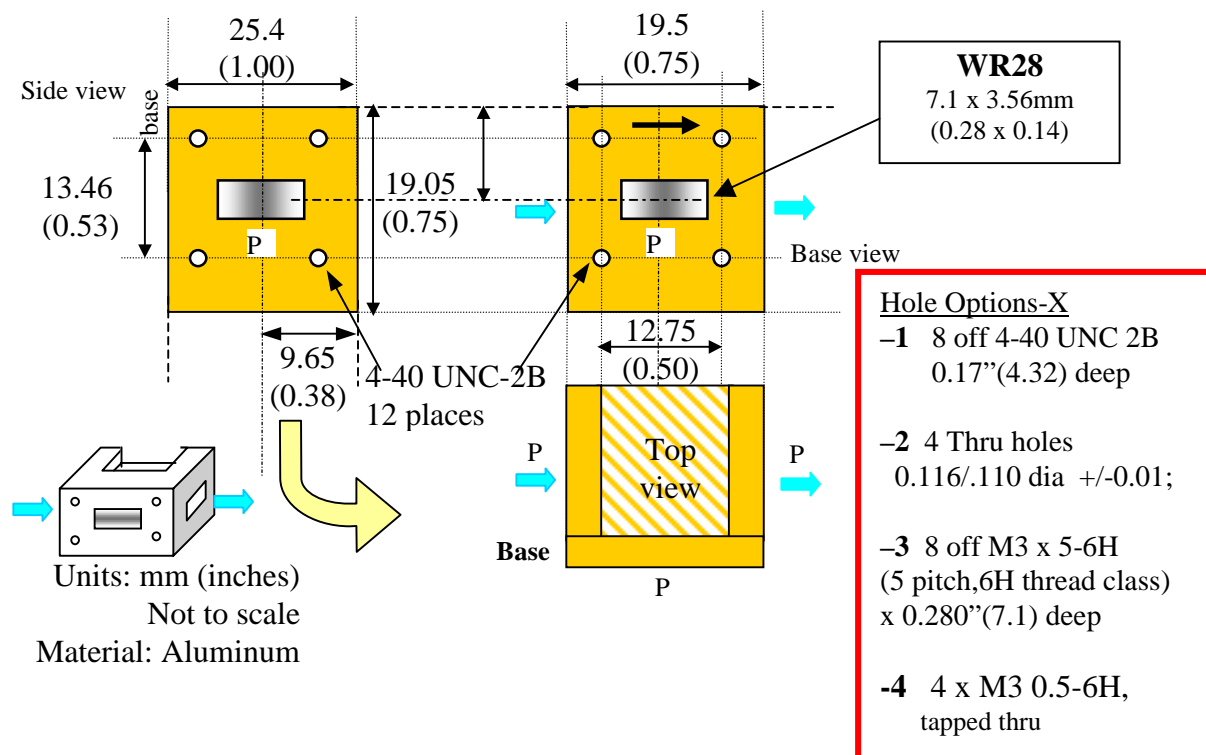


Circulator, Waveguide, WR28, 26.5-40 GHz RADC-26.5-40.0 -WR28-0.5W (10% or Full band)



Isolator specifications	Any 10% bandwidth	Special	Full Band	Units
Frequency	27.5-29.5	27.0-32.0	26.5-40.0	GHz (full band)
Insertion loss	0.25	0.3	0.5	dB maximum
Isolation	21	20*	17	dB minimum
VSWR	1.22:1	1.3:1	1.35:1	
Return loss	20	20	20	dB minimum
Rated power options	>2W	>2W	>2W	Watt minimum
Waveguide interface type	WR28-UG flange	WR28-UG flange	WR28-UG flange	
Operating temperature	-40 to +85	-30 to +70	-40 to +85	°C
Storage temperature	-50 to 105	-50 to 105	-50 to 105	°C
Altitude	to 15,000	to 15,000	to 15,000	feet
Humidity	to 95	to 95	to 95	%

*18dBGm isolation -40 to 85 °C

Note Full band model uses special ferrite and requires extensive tuning, 10-15% bandwidth models are significantly cheaper