Waveguide Band Pass Filter
86 - 91GHz

Features

- High Rejection
- Low Insertion Loss
- Excellent Temperature Stability
- Miniaturization
- Customization available upon request

RoHS Compliant

Electrical Specifications, T_A =25 ℃

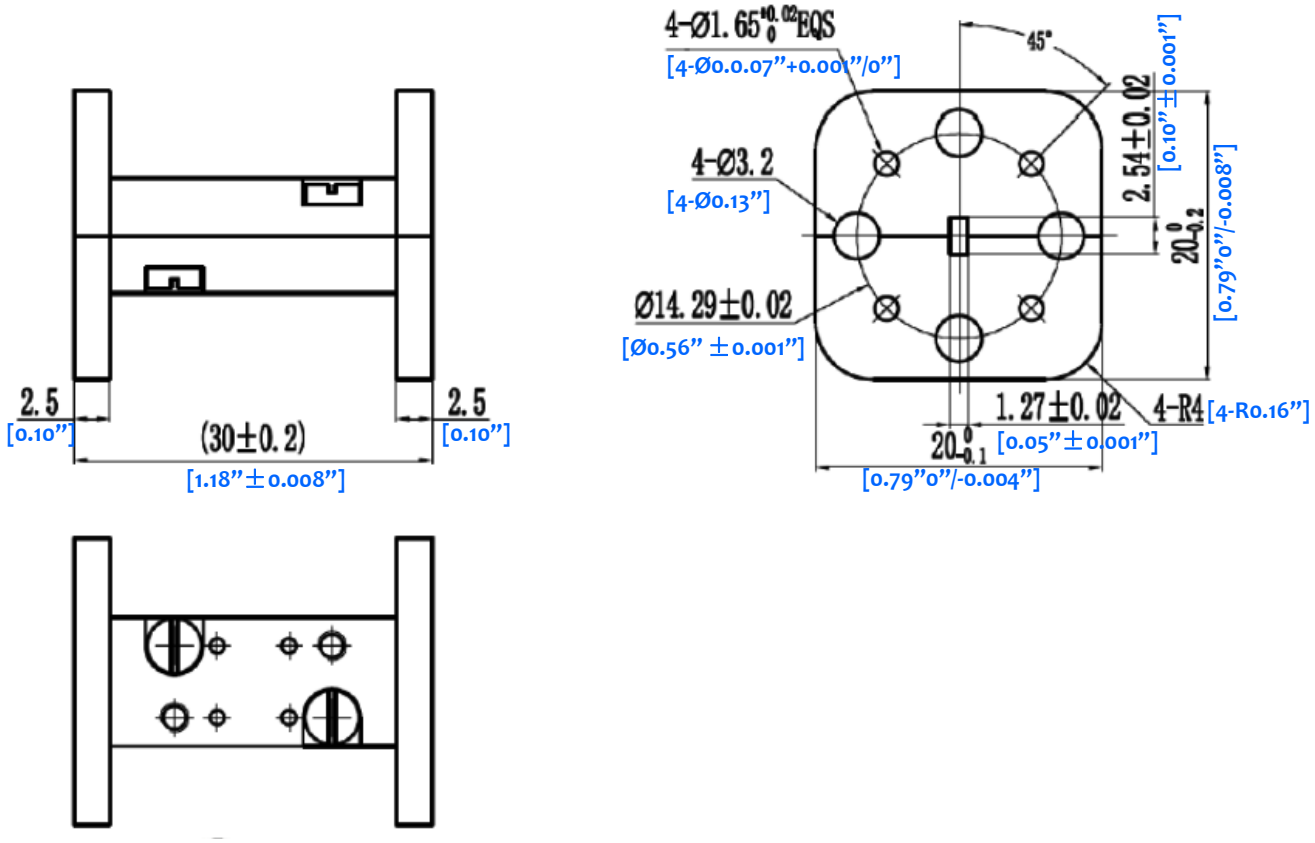
Parameters		Min.	Typ.	Max.	Units
Frequency Range		86		91	GHz
Insertion Loss				4	dB
VSWR				1.8	: 1
Rejection	@ 81GHz	40			dB
Weight					ounces
Waveguide Type		WR-10			
Flange type		See Drawing			
Material		Copper / Brass			
Finish		Gold Plated			

Environmental Specifications

Operational Temperature (°C)	-20 ~ +60
Storage Temperature (°C)	-10 ~ +40
Altitude	30,000 ft. (Epoxy Sealed Controlled Environment)
	60,000 ft. 1.0psi min (Hermetically Sealed Un-controlled environment) (Optional)
Vibration	25g RMS (15 degrees 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35c, 95%RH at 40°C
Shock	20G for 11msec half sine wave, 3 axis both directions

Outline Drawing:

All Dimensions in mm [inches]



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