

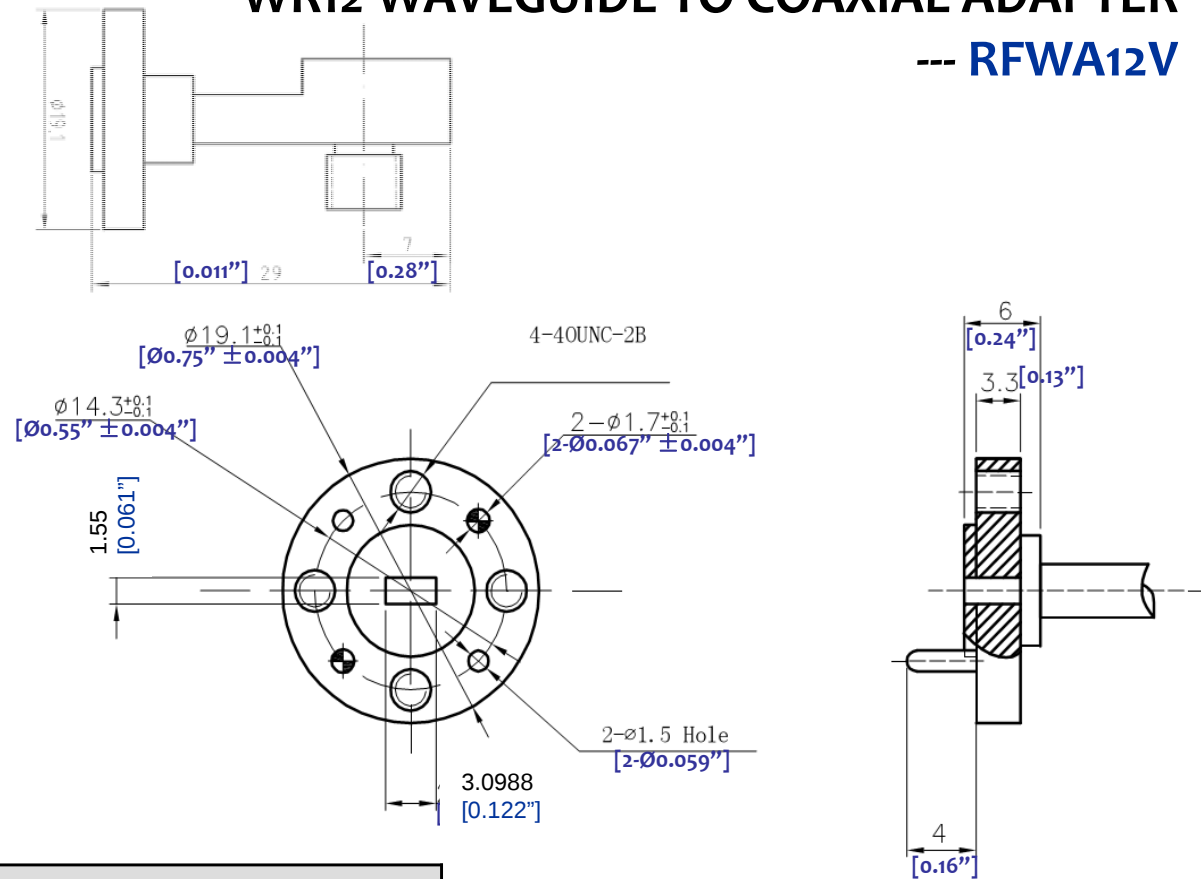
1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular Waveguide WR12
1.2	Flange type	UG385/U
1.3	Flange Holes	Through
1.4	Basis-material	Aluminum, Brass, Alloyed Cuprum,
1.5	Coaxial Connector	V (1.00mm) Female
1.6	Internal Body Finish	Silver Plated chromate or conversion
1.7	External Body Finish	Painted Blue/black epoxy enamel

2.0	Environment specifications	
2.1	Operation Temp.	-40°C~+85°C
2.2	Storage Temp.	-50°C~+125°C
2.3	Altitude	45000 ft
2.4	Vibration	10g rms (15 degree 2KHz)
2.5	Humidity	100% RH at 35c, 95%RH at 40 deg c
2.6	Shock	20G for 11msc

3.0	Electrical Specifications	
3.1	Frequency Range	60-75GHz
3.2	Bandwidth	Full band
3.3	Insertion Loss	0.75dB
3.4	Max. VSWR	2.5 : 1 (max.)

WR12 WAVEGUIDE TO COAXIAL ADAPTER

--- [RFLWA12V](#)



PAGE	OF	DATE
1	1	2005
DESIGN		RFPC
ASSEMBLY REVISION		V5.2
ASSEMBLY NAME		RFLVR16
DRAWING NUMBER		D05-3
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