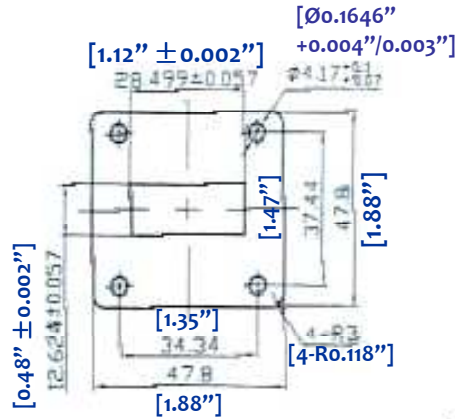
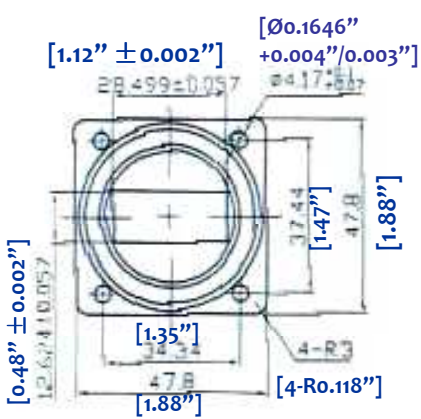
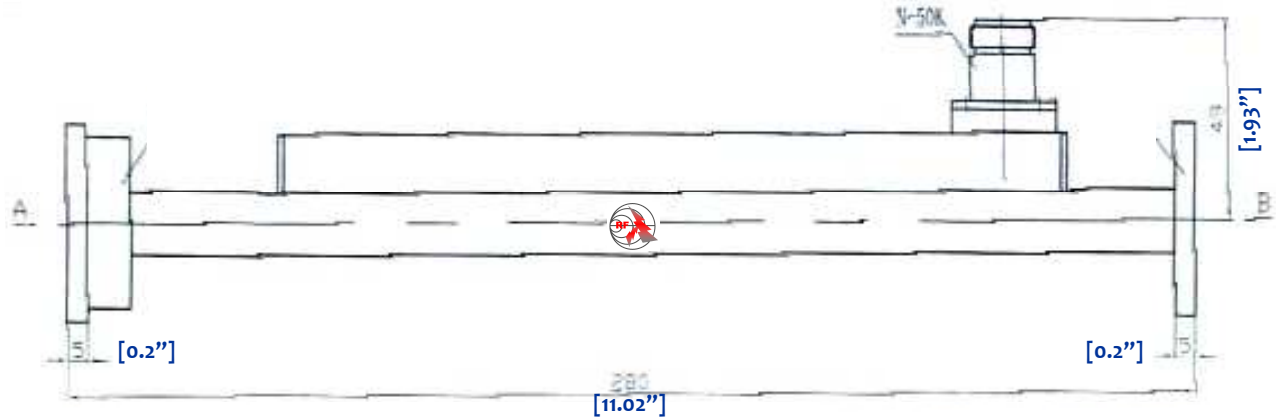


WAVEGUIDE WR12 DIRECTIONAL COUPLER- RWGCP112SB




1.0 Mechanical Specifications	
1.1	Waveguide type Rectangular Waveguide WR12
1.2	Flange type CPRG, CPRF, COVER, CHOKE available
1.3	Flange Holes Through
1.4	Basis-material Cuprum
1.5	Internal Body Finish Plated chromate or conversion
1.6	External Body Finish Body painted with gray/black epoxy enamel

2.0 Environment specifications	
2.1	Operation Temp. -40°C~+85°C
2.2	Storage Temp. -60°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

Electrical Specifications						
Frequency Range	Coupling	Directivity	Avg / Peak Power	Insertion Loss	VWSR	Flatness
8.2~8.9GHz	60+/-0.5dB	30dB	4KW / 100KW	0.2dB	1.07	± 0.2dB



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 RWGCP112SB WAVEGUIDE COUPLER		RF-LAMBDA	RFPC
CAD MODEL REVISION 1-4		CAD MODEL REVISION	1-4
ASSEMBLY REVISION VS20-3		ASSEMBLY REVISION	VS20-3
ASSEMBLY NAME RFLVR04		ASSEMBLY NAME	RFLVR04
DRAWING NUMBER D02-5		DRAWING NUMBER	D02-5
www.rflambda.com		SIZE	LT
RF-LAMBDA		SHEETS	1 OF 1