



20 W 20-40GHz 90° Hybrid Coupler



- High power handle capability up to 20W
- Wide band operation
- High isolation within operational band
- Low Insertion loss
- Low temperature coefficient material offer stable performance over temperature
- Aerospace and military application
- LMDS multi-carrier operation
- High peak to average handle capability
- All specifications can be modified upon request

Electrical Specifications

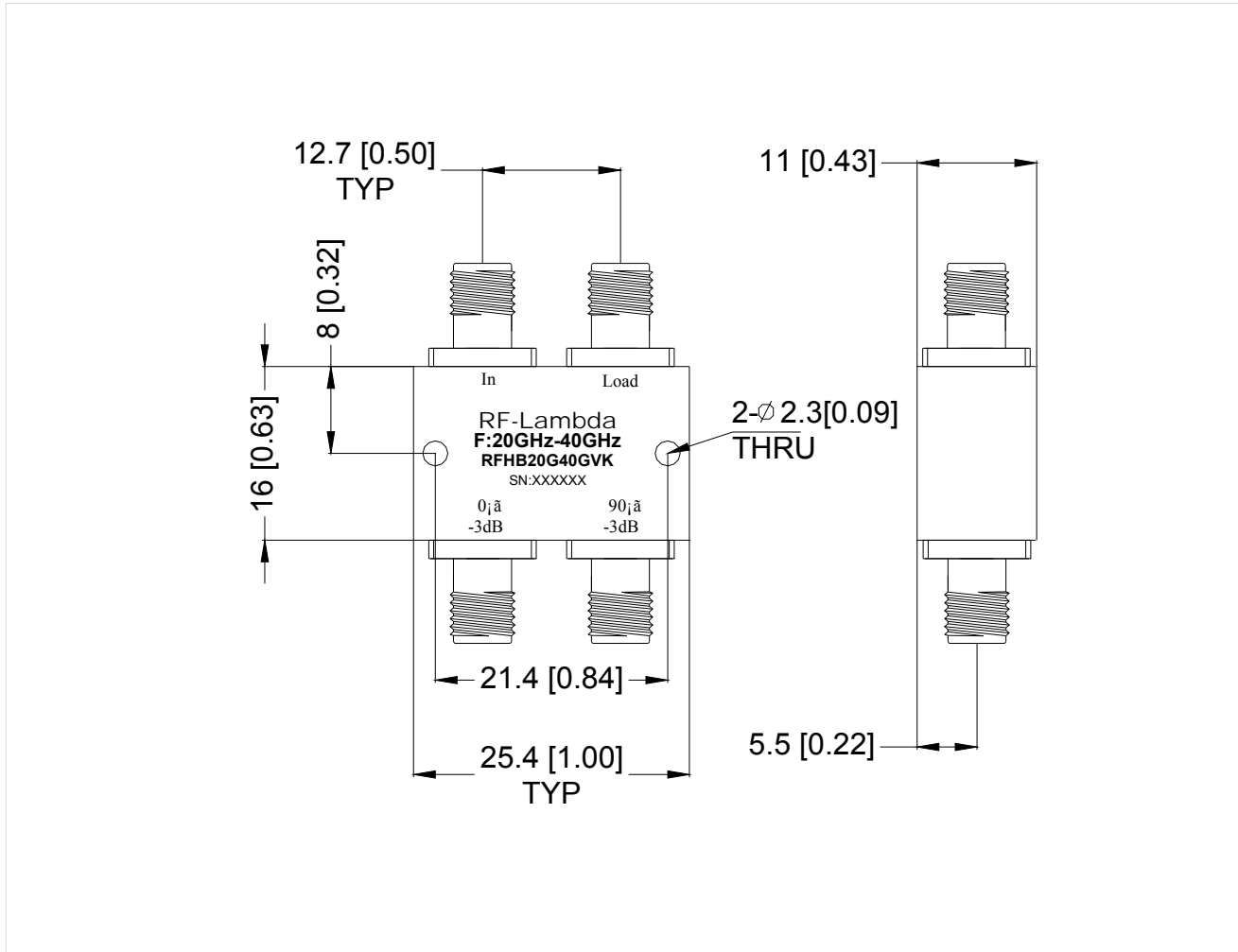
Parameters		Min.	Typ.	Max.	Units
Frequency Range		20		40	GHz
Nominal Coupling			3		dB
Insertion Loss				2.0	dB
Isolation		12			dB
Amplitude Unbalance				±0.7	dB
Phase Unbalance				±10	deg
VSWR				1.8	
Power Rating	Average	20			W
	Perk	500			W
Impedance		50			Ohms
Weight		/			ounces
Operating Temperature		-45 to +85			°C
Input / Output Connector		2.92-Female			
Material		Aluminum			
Finishing		Gray paint			



Outline Drawing:

All Dimensions in mm (inches)

Tolerance ± 0.2 (0.008)



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