

Features

- Dual Frequency Combiner
- High Isolation
- Low Insertion Loss
- Excellent Temperature Stability



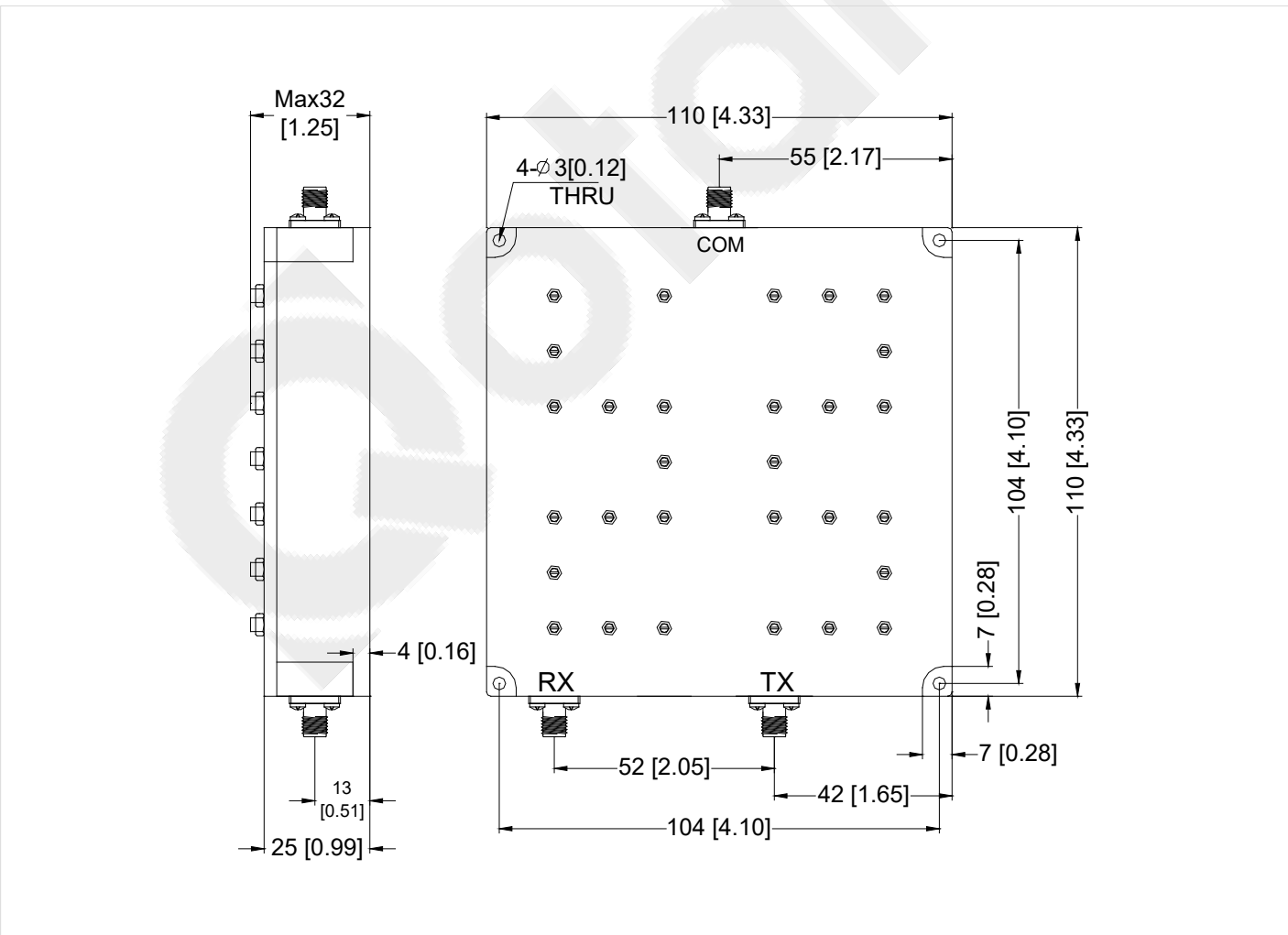
Parameter	RX			TX			Units
	Min.	Typ.	Max.	Min.	Typ.	Max.	
Frequency Range	2.2		2.39	2.025		2.12	GHz
VSWR		1.3	1.4		1.3	1.4	: 1
Insertion Loss		0.5	0.6		0.5	0.6	dB
Passband Ripple		0.2	0.4		0.25	0.4	dB
Rejection	>70 @TX			>70 @RX			dB
Power Handling	100						Watts
Impedance	50						Ohms
Weight	17.6 Max.						ounces
Input / Output Connectors	SMA-Female						
Material	Aluminum						
Finish	Gray Paint						

Environmental Specifications

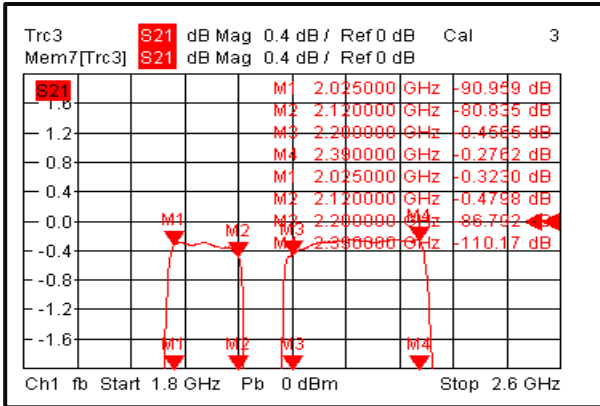
Operational Temperature	-40°C~+85°C
Storage Temperature	-45°C~+105°C
Altitude	30,000 ft. (Epoxy Sealed Controlled environment)
	60,000 ft. 1.0psi min (Hermetically Sealed Un-controlled environment) (Optional)
Vibration	25gRMS (15 degrees 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35c, 95%RH at 40°C
Shock	20G for 11msec half sine wave,3 axis both directions

Outline Drawing:

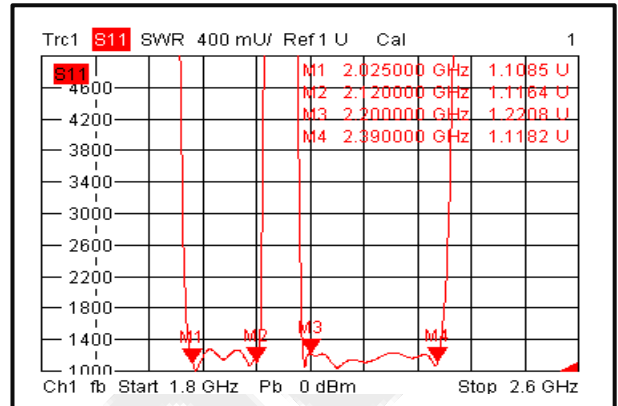
All Dimensions in mm (inches)
Outline Tolerances ±1.0 (0.04)
Mounting Hole Tolerances ±0.5 (0.02)



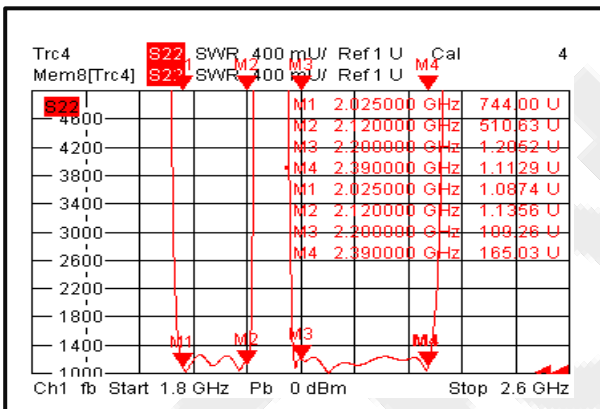
Insertion Loss



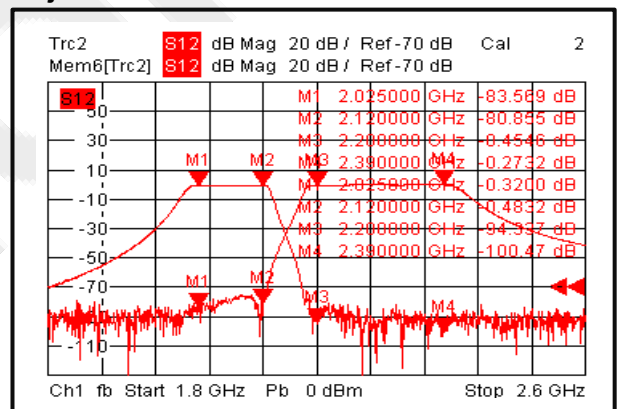
VSWR



VSWR



Rejection & Isolation



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