

Coaxial 30W 2-4GHz 0° 2-Way Power Divider

Features

- High power handling capability up to 30W
- Wide band operation
- High isolation within operational band
- Low Insertion loss
- Stable performance over temperature
- LMDS multi-carrier operation
- High peak to average handling capability
- All specifications can be modified upon request



Parameters		Min.	Typ.	Max.	Units
Frequency Range		2		4	GHz
Nominal Splitter Loss			3		dB
Insertion Loss			0.2	0.3	dB
Isolation		20	22		dB
Input VSWR				1.3	: 1
Output VSWR				1.25	: 1
Amplitude Imbalance				0.2	dB
Phase Imbalance				±4	deg
Power Rating	Forward Power	30			W
	Reverse Power	2			W
	Peak Power	300 (10% Duty Cycle, 1 us Pulse Width)			W
Impedance		50			Ohms
Weight		2.0Max.			Ounces
Input / Output Connectors		SMA-Female			
Material		Aluminum			
Finish		Gray Paint			

Coaxial 30W 2-4GHz 0° 2-Way Power Divider

Environmental Specifications

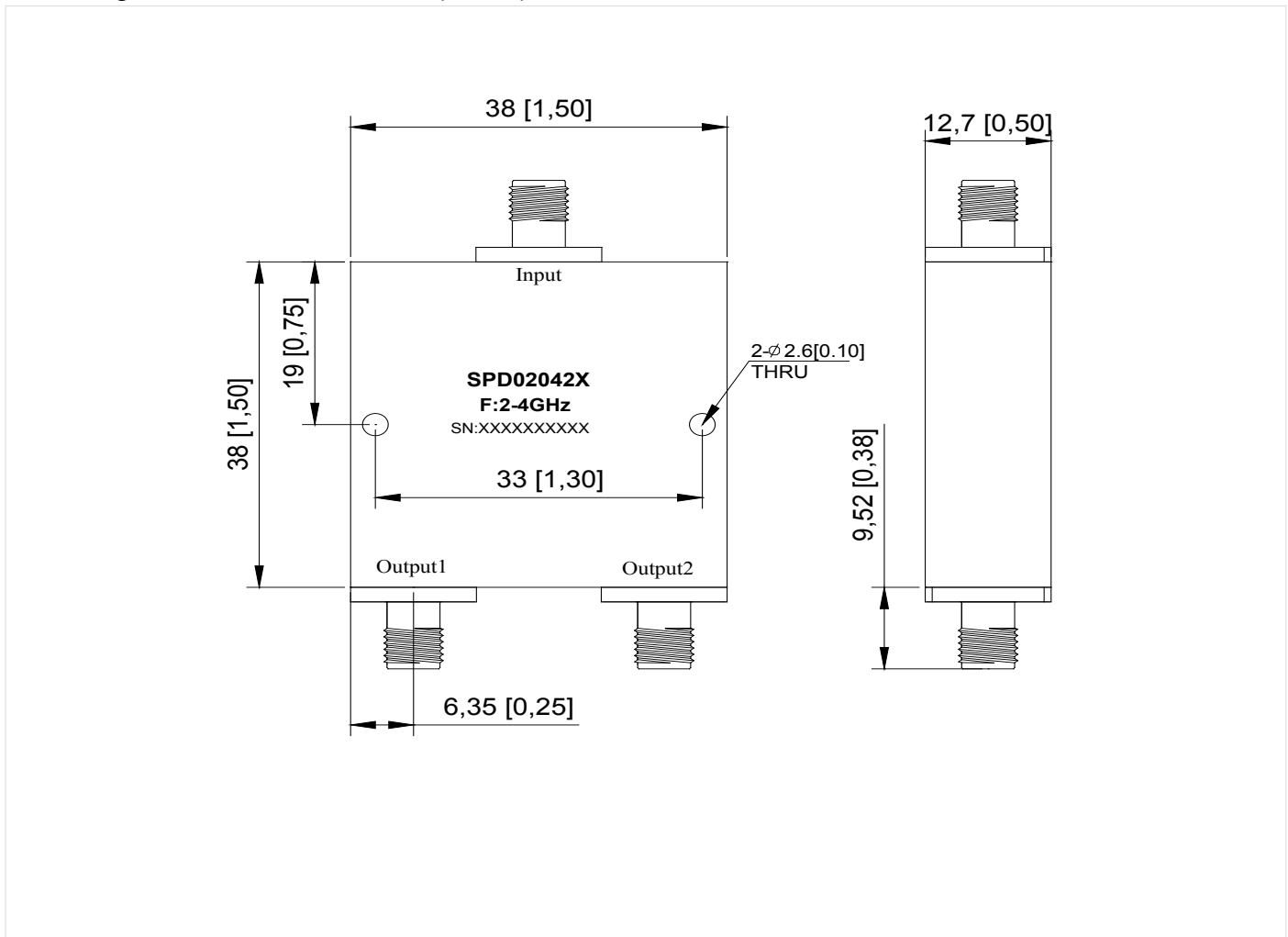
Operational Temperature	-40°C~+85°C
Storage Temperature	-50°C~+105°C
Altitude	30,000 ft. (Epoxy Sealed Controlled environment)
	60,000 ft. 1.0psi min (Hermetically Sealed Un-controlled environment) (Optional)
Vibration	25gRMS (15 degrees 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35°C, 95%RH at 40°C
Shock	20G for 11msec half sine wave, 3 axis both directions

Outline Drawing:

All Dimensions in mm (inches)

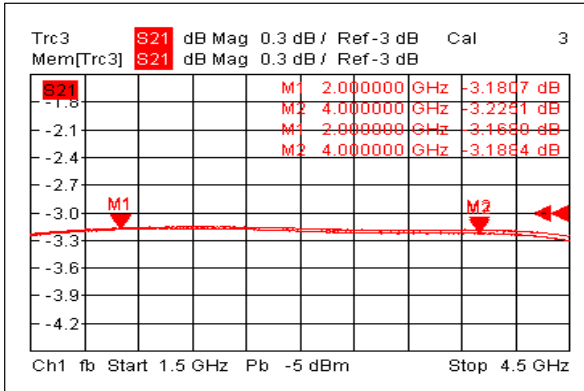
Outline Tolerances ±0.5 (0.02)

Mounting Holes Tolerances ±0.2 (0.008)

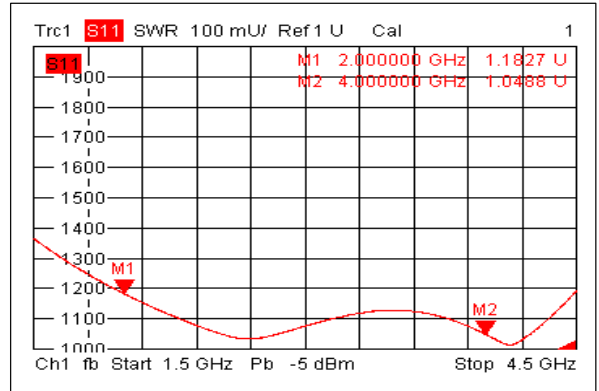


Coaxial 30W 2-4GHz 0° 2-Way Power Divider

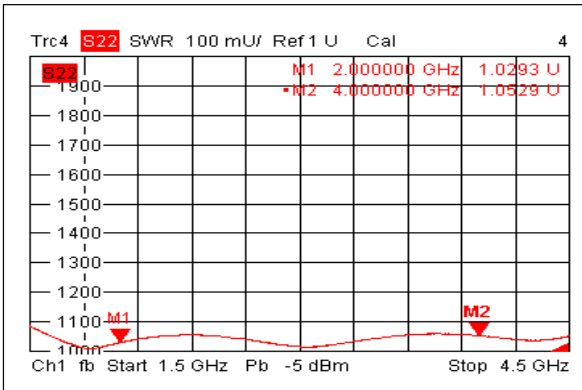
Loss & Amplitude Imbalance



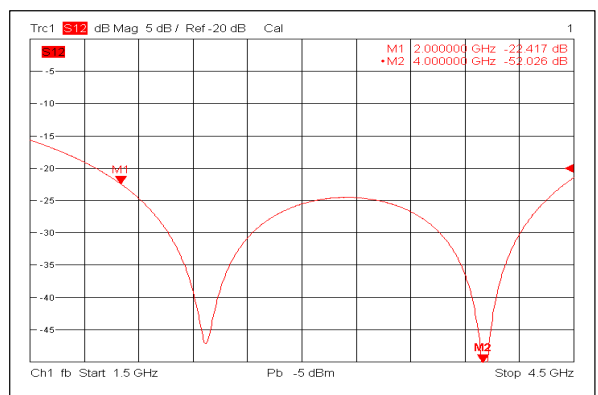
Input VSWR



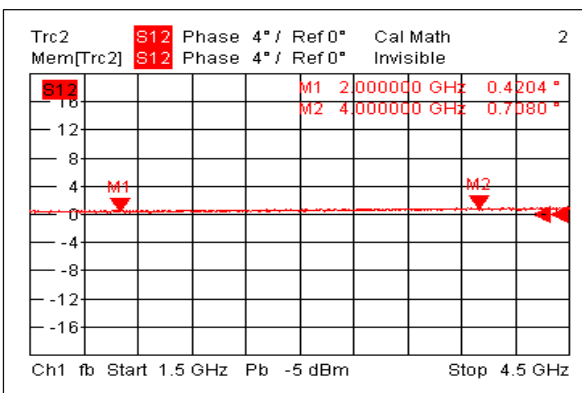
Output VSWR



Isolation



Phase Imbalance



Saluki and its affiliates reserve the right to make changes to the product(s) or information contained herein without notice. Visit www.salukitec.com for additional data sheets and product information.