

Power Splitter/Combiner

EDD2-20-G023694

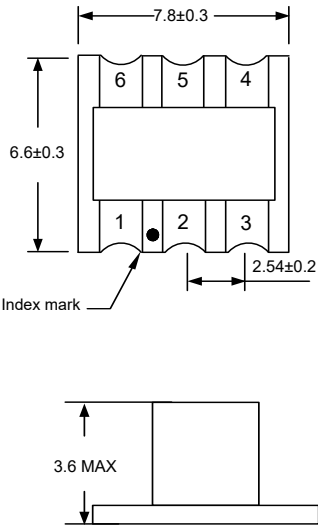
2026-06-17 Rev. 0



75Ω 2 Way-0° Power Divider

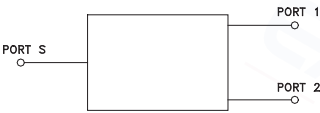
5-2000 MHz

Outline Drawing(mm)

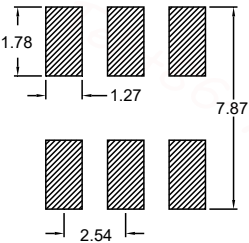


Electrical Structure

Fig D



Recommended Layout(mm)



Pin Connections

Input	1
Output 1	3
Output 2	4
Ground	6
Not Connected	2,5

Features

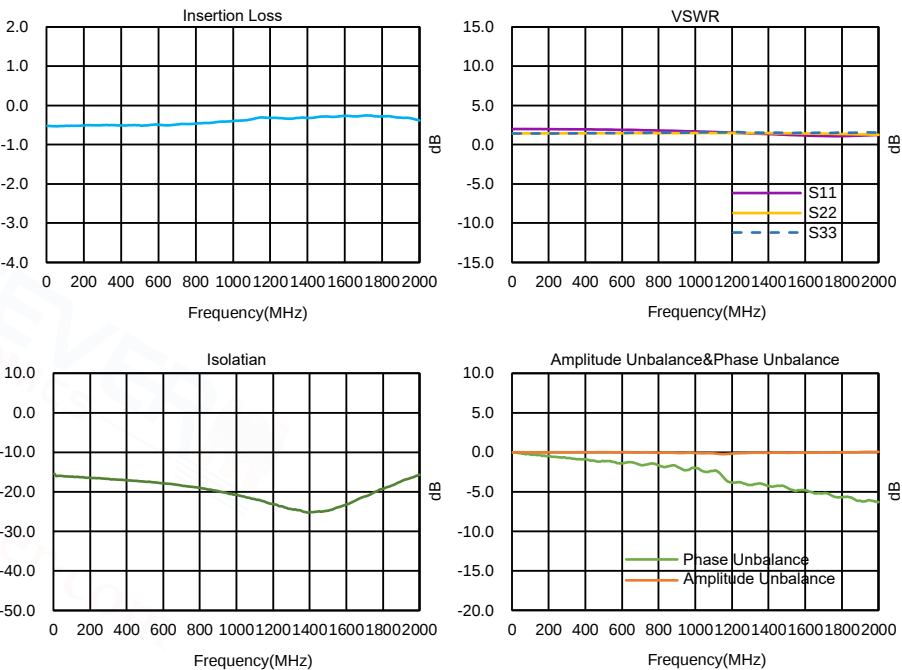
- RF Power, 0.5W Max
- DC Current, 30mA Max
- 260°C Reflow Compatible
- RoHS compliant and lead free
- Operating temperature range: -40 °C to +85 °C
- Storage temperature range: -55 °C to +100 °C

Applications

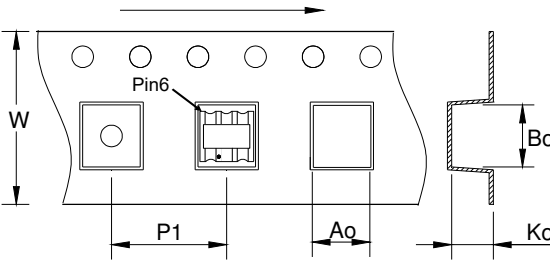
- For Dccsis 3.0&4.0Cable Modem.
- For Wideband Push-pull Amplifiers.
- For CATV Amplifiers Module & Set top box.
- For CATV Optical Receivers and Amplifiers.
- For VHF/UHF Transmitters and Push-pull Amplifiers.

Electrical Specifications:TA=25 °C, 0dBm, Z0=75Ω

Parameter	Test Conditions	Units	Min	Typ	Max
Insertion Loss	5-50MHz	dB	—	0.4	0.9
	50-1000MHz			0.5	1.2
	1000-2000MHz			0.6	1.4
Amplitude Unbalance	5-50MHz	dB	—	0.15	—
	50-1000MHz			0.3	
	1000-2000MHz			0.6	
Phase Unbalance	5-50MHz	Degree	—	1.0	—
	50-1000MHz			4.0	
	1000-2000MHz			5.0	
Isolation(Pin3-4)	5-50MHz	dB	12	16	—
	50-1000MHz		13	16	
	1000-2000MHz		15	28	



Carrier Tape Orientation



Tape & Reel Information

Parameter	Units	Value
Qty per reel	PCS	1500
Reel Size	mm	330
Tape Width	mm	16.00
Pitch	mm	12.00
Ao	mm	7.00
Bo	mm	8.10
Ko	mm	3.60