

Power Splitter/Combiner

EDL2-30-G203263

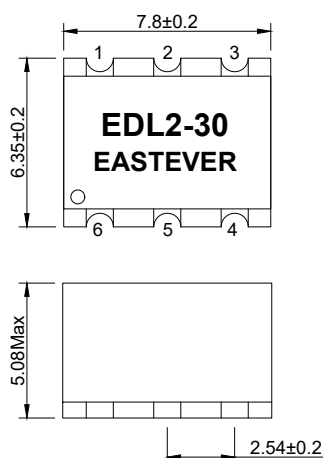
2026-07-28 Rev. 1



50Ω 2 Way-0° Power Divider

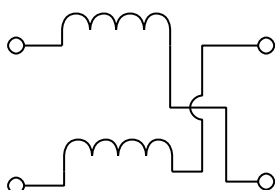
10-3000MHz

Outline Drawing(mm)

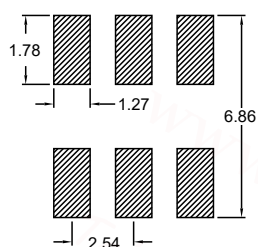


Electrical Structure

Fig L



Recommended Layout(mm)



Electrical Schematic



Pin Connections

SUM PORT	6
PORT 1	4
PORT 2	3
GROUND	1,2,5

Features

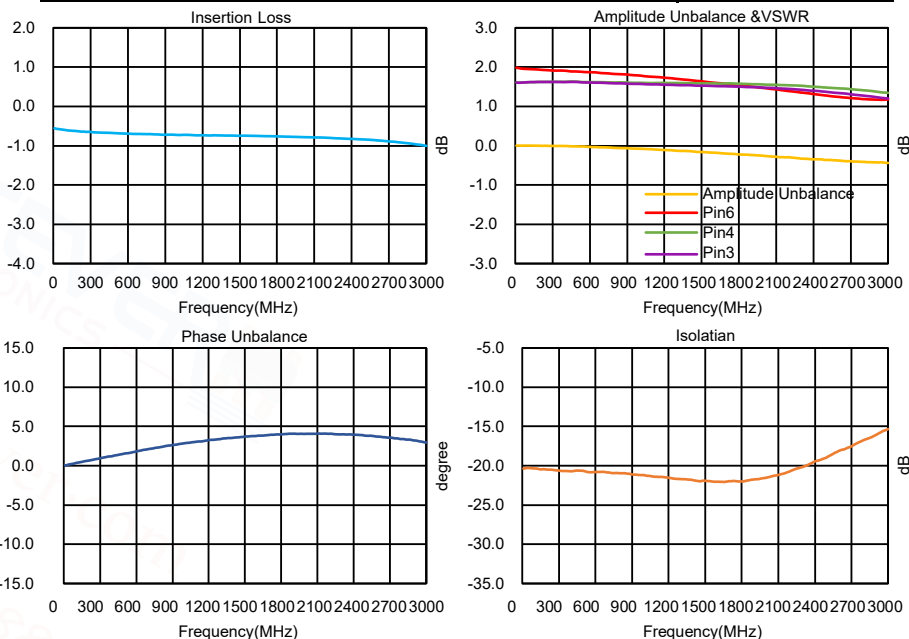
- Input Power: 0.5W Max
- DC Current: 30mA Max
- 260°C Reflow Compatible
- RoHS compliant and lead free
- Operating temperature range: -40°C to +85°C
- Storage temperature range: -55°C to +100°C

Applications

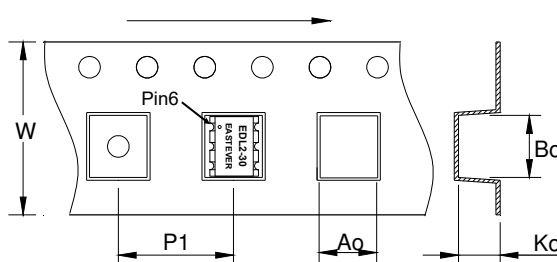
- For Motorola Walkie-talkie.
- For Car Streaming Media Rearview Mirror.
- For Broadband and Wireless Communications.
- For Wireless Microphone & Marine Communications.
- For Ideally Suited LTE, Cellular, UMTS, WiFi, WiMAX.
- For Differential Modulator/demodulator and Active Mixers.

Electrical Specifications: TA=25°C, 0dBm, Z0=50Ω

Parameter	Test Conditions	Units	Min	Typ	Max
Insertion Loss	10-100MHz	dB	—	0.6	1.0
	100-1500MHz			0.9	1.5
	1500-3000MHz			1.2	2.5
Amplitude Unbalance	10-100MHz	dB	—	—	0.3
	100-1500MHz				0.6
	1500-3000MHz				1.2
Phase Unbalance	10-100MHz	°	—	—	2.0
	100-1500MHz				4.0
	1500-3000MHz				8.0
Isolation	10-100MHz	dB	18	19	—
	100-1500MHz		21	22	
	1500-3000MHz		15	16	



Carrier Tape Orientation



Tape & Reel Information

Parameter	Units	Value
Qty per reel	PCS	1000
Reel Size	mm	330
Tape Width	mm	12.00
Pitch	mm	12.00
Ao	mm	6.60
Bo	mm	8.00
Ko	mm	5.80