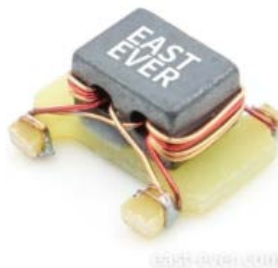


2 Way Power Divider

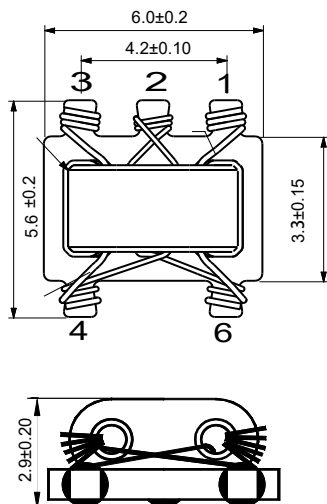
EBC0101-G032122

2020-02-10 Rev. 1



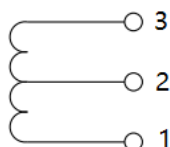
75Ω 2 Way Power Splitter 40-2050 MHz

Outline Drawing(mm)

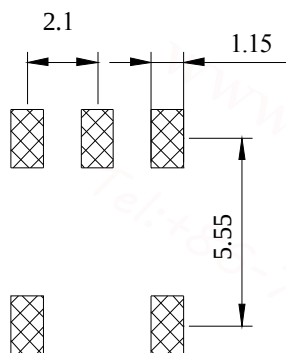


Electrical structure

Fig M



Recommended layout(mm)



Pin Connections

PORT1	2
PORT2	3
PORT3	1
NOT USED	4, 6
EXT. RESISTOR 150Ω	1, 3
EXT. CAPACITOR 2.0pF	2 to Ground

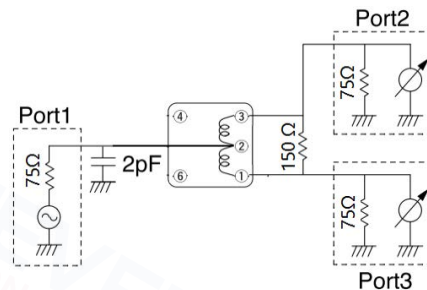
Features

- RoHS Compliant and Pb Free
- 260°C Reflow Compatible
- Power Input(as a splitter): 1.0W Max
- DC current: 50mA Max
- Operating temperature range: -40°C to +85°C
- Storage temperature range: -55°C to +100°C

Applications

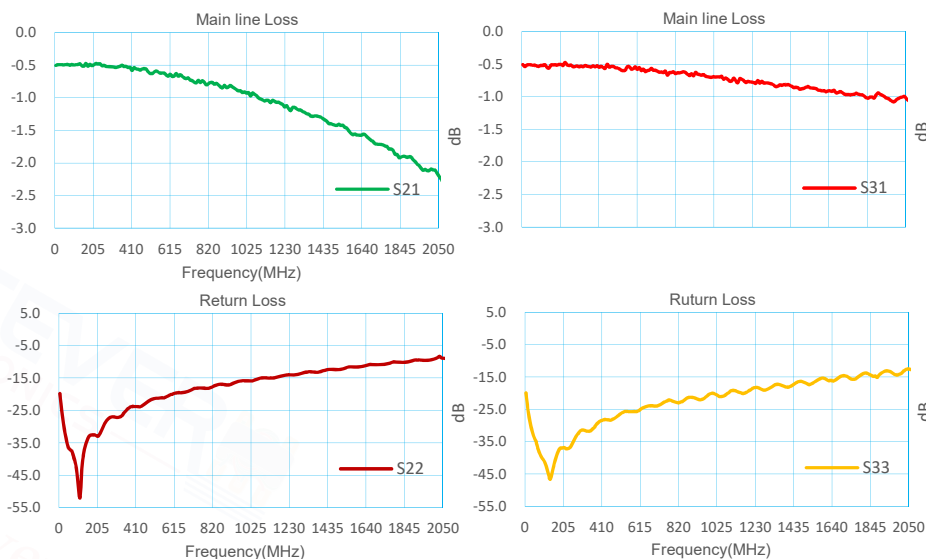
- For Docsis 3.0 & 4.0 Cable Modem.
- For Wideband Push-pull Amplifiers.
- For CATV Amplifiers Module & Set top box.
- For CATV Optical Receivers and Amplifiers.
- For VHF/UHF Transmitters and Push-pull Amplifiers.

Application circuit

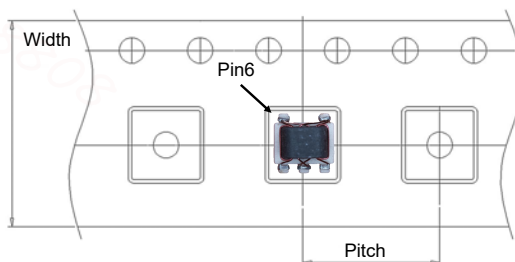


Electrical Specifications:TA=25°C, 0dBm, Z0=75Ω

Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss (pin2-1)	40-2050MHz	dB	—	0.5	3.0
Main line Loss (pin2-3)	40-2050MHz	dB	—	0.5	2.0
Port 2 Return Loss	40-2050MHz	dB	5.0	15.0	—
Port 3 Return Loss	40-2050MHz	dB	5.0	20.0	—



Carrier Tape Orientation



Tape & Reel Information

Parameter	Units	Value
Qty per reel	PCS	1500
Reel Size	mm	330
Tape Width	mm	12.00
Pitch	mm	12.00
Ao	mm	6.40
Bo	mm	6.00
Ko	mm	3.20