

Power Splitter/Combiner

EDL0202-B012331

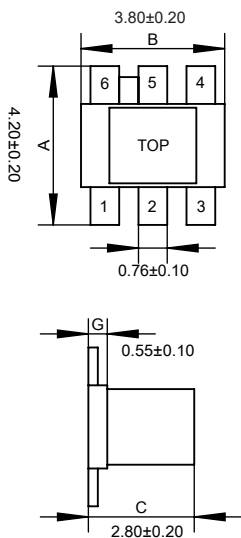
2022-04-06 Rev. 0



50Ω 2 Way-0° Power Divider

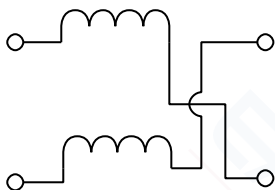
5-4000MHz

Outline Drawing(mm)

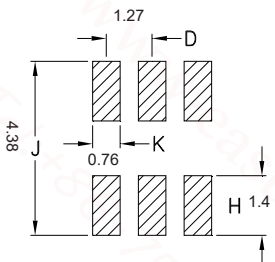


Electrical structure

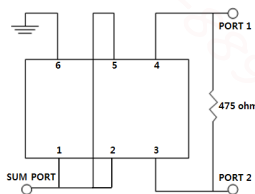
Fig L



Recommended layout(mm)



electrical schematic



Pin Connections

SUM PORT	1,2,5
PORT 1	3
PORT 2	4
Not connected	6

Features

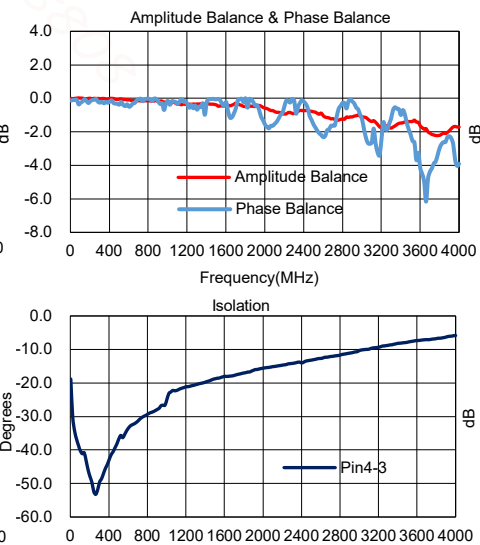
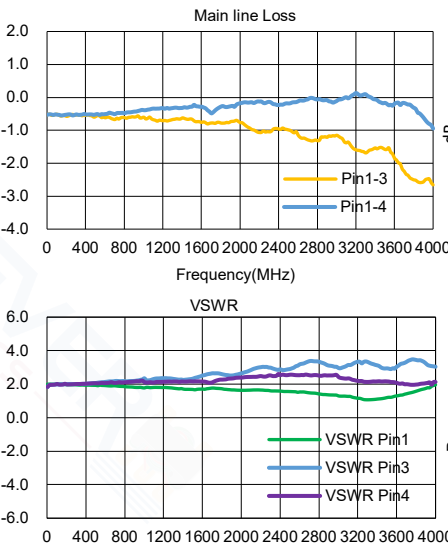
- Operating temperature range: -40℃ to +85℃
- Storage temperature range: -55℃ to +100℃
- 260℃ Reflow Compatible
- RoHS compliant and lead free

Applications

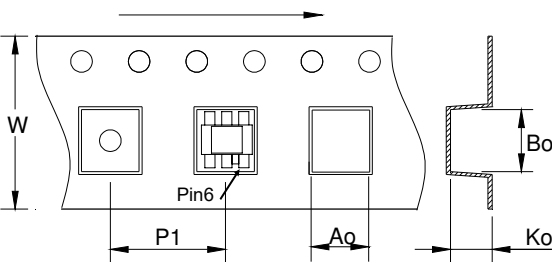
- For catv
- For broadband and wireless communications

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

Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss (Pin1-3)	5-4000MHz	dB	—	2.5	3.2
Main line Loss (Pin1-4)	5-4000MHz	dB	—	1.0	2.0
VSWR Pin1	5-4000MHz	dB	—	2.0	2.8
VSWR Pin3	5-4000MHz	dB	—	3.0	4.0
VSWR Pin4	5-4000MHz	dB	—	2.2	3.0
Phase Balance	5-4000MHz	dB	—	5.0	20.0
Amplitude Unbalance	5-4000MHz	dB	—	2.0	3.5
Isolation	5-4000MHz	dB	5.0	10.0	—



Carrier Tape Orientation



Tape & Reel Information

Parameter	Units	Value
Qty per reel	PCS	2000
Reel Size	mm	330
Tape Width	mm	12.00
Pitch	mm	8.00
Ao	mm	4.50
Bo	mm	4.50
Ko	mm	3.20