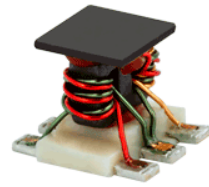


Power Splitter/Combiner

EDK2-10-B012331

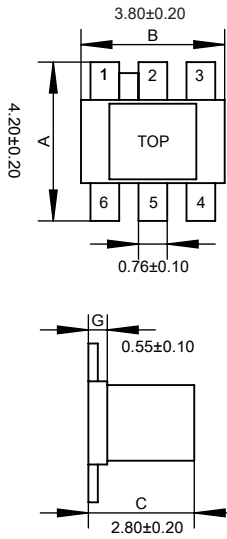
2020-07-02 Rev. 0



50Ω 2 Way-0° Power Divider

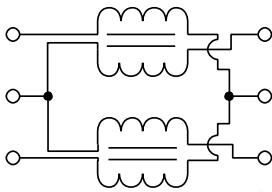
5-1000MHz

Outline Drawing(mm)

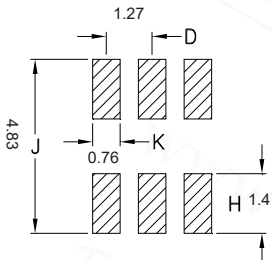


Electrical structure

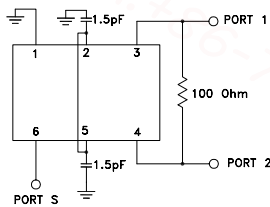
Fig K



Recommended layout(mm)



electrical schematic



Pin Connections

SUM PORT	6
PORT 1	4
PORT 2	3
GROUND	1
EXT. CAPACITOR 1.5pF	2 OR 5 TO GND

Features

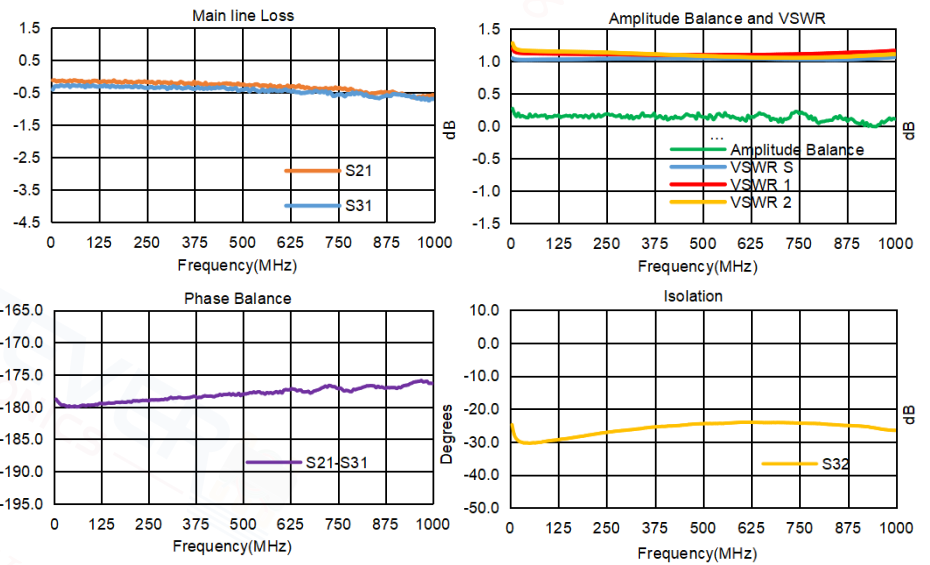
- Operating temperature range: -40°C to +85°C
- Storage temperature range: -55°C to +100°C

Applications

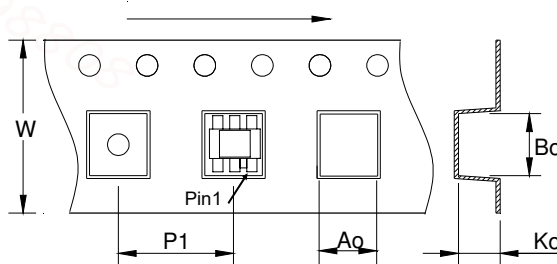
- For catv
- For broadband and wireless communications

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

Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss (Pin6-4)	5-1000MHz	dB	—	0.5	1.0
Main line Loss (Pin6-3)	5-1000MHz	dB	—	0.5	1.0
VSWR	5-1000MHz	dB	—	1.0	1.5
Amplitude Unbalance	5-1000MHz	dB	—	0.3	1.0
Phase Unbalance	5-1000MHz	dB	—	5.0	15.0
Isolation	5-1000MHz	dB	16.0	22.0	—



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	12.00
Ao	mm	4.50
Bo	mm	4.50
Ko	mm	3.20