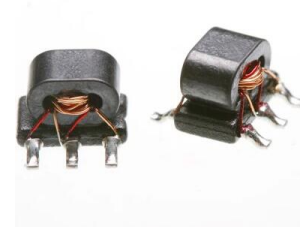


Power Splitter/Combiner

EDD1058-G004081

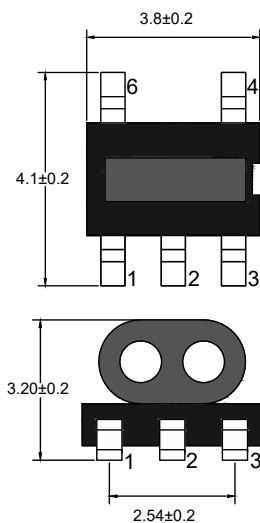
2021-06-07 Rev. 0



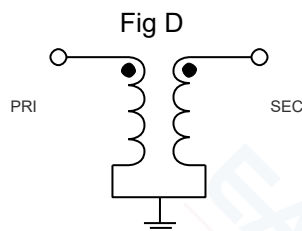
75Ω 2 Way-0° Power Divider

5-3250MHz

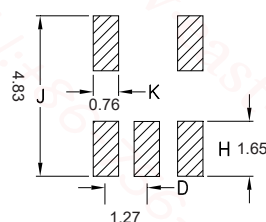
Outline Drawing(mm)



Electrical structure



Recommended layout(mm)



Pin Connections

SUM PORT	2
PORT 1	3
PORT 2	1
Not Connected	4,6

Features

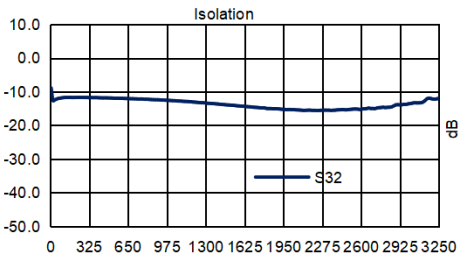
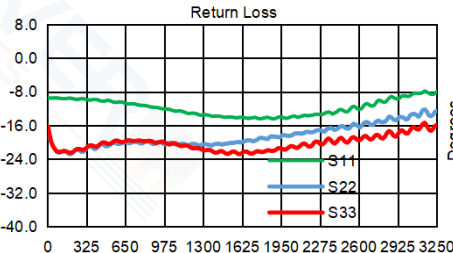
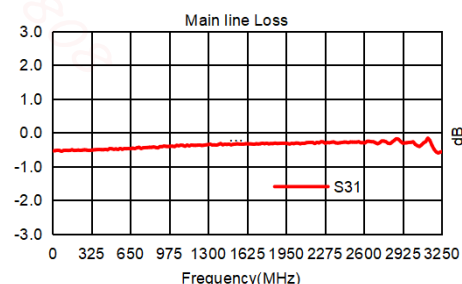
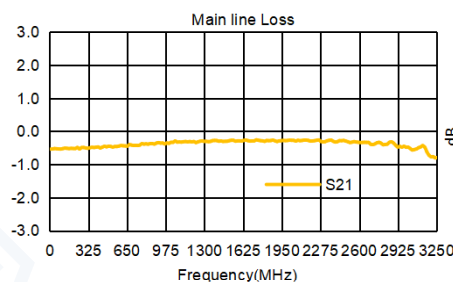
- Operating temperature range: -40℃ to +85℃
- Storage temperature range: -55℃ to +100℃
- 260℃ Reflow Compatible
- RoHS compliant and lead free
- Input Power: 1W
- DC Current: 0.5A

Applications

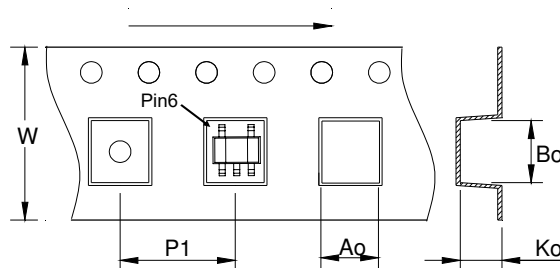
- For catv
- For broadband and wireless communications

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

Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss (S21)	5-3250MHz	dB	—	0.5	1.0
Main line Loss (S31)	5-3250MHz	dB	—	0.5	1.0
Input Return Loss S11	5-3250MHz	dB	8.00	12.0	—
Output Return Loss S22	5-3250MHz	dB	12.0	16.0	—
Output Return Loss S33	5-3250MHz	dB	12.0	16.0	—
Isolation	5-3250MHz	dB	10.0	12.0	—



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	3.50