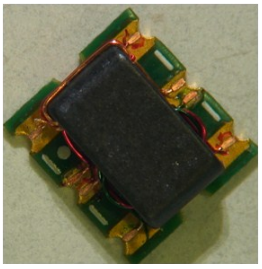
Power Splitter/Combiner

EDK1031-C001759

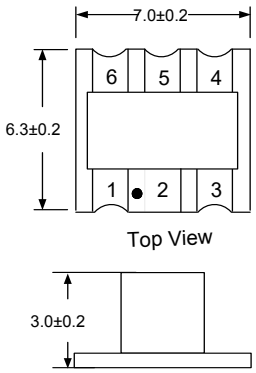
2022-08-23 Rev. 0

75Ω 2 Way-0° Power Divider 5-1250 MHz



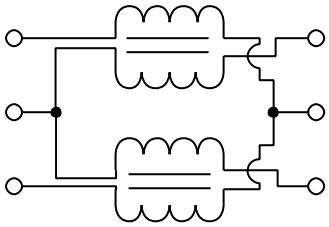
RoHS COMPLIANT

Outline Drawing(mm)

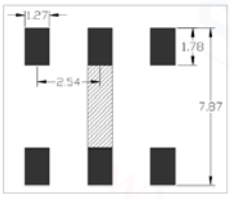


Electrical structure

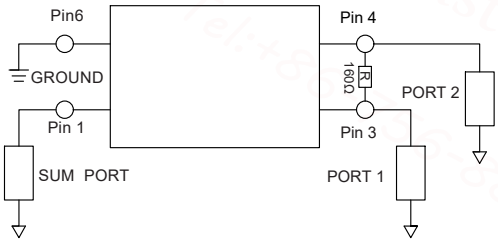
Fig K



Recommended layout(mm)



Application circuit



Pin Connections

SUM PORT	1
PORT 1	3
PORT 2	4
GROUND	6
Pin5 connect to pin2 & isolate from ground	2,5

Features

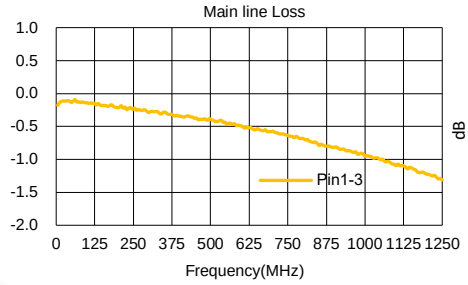
- Operating temperature range: -40℃ to +85℃
- Storage temperature range: -55℃ to +100℃
- 260°C Reflow Compatible
- RoHS compliant and lead free
- Input Powere: 500mW
- DC Current: 500mA

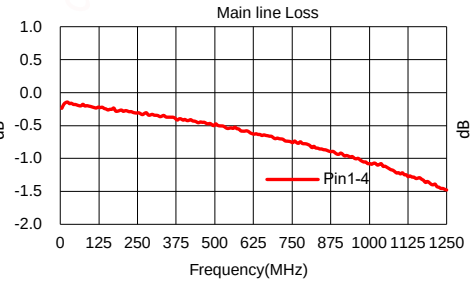
Applications

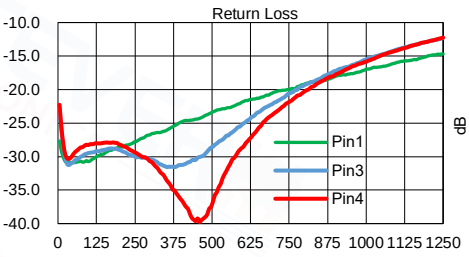
- For CATV broadband applications
- For VHF/UHF receivers/transmitters and push - pull amplifiers

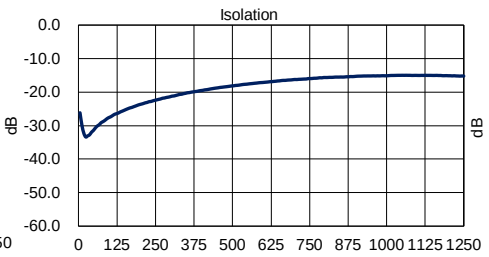
Electrical Specifications:TA=25℃, 0dBm, Z0=75Ω

Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss (Pin1-3)	5-1250MHz	dB	—	1.0	1.8
Main line Loss (Pin1-4)	5-1250MHz	dB	—	0.5	2.1
Input Return Loss	5-1250MHz	dB	10.0	15.0	—
Output Return Loss 1	5-1250MHz	dB	10.0	15.0	—
Output Return Loss 2	5-1250MHz	dB	10.0	15.0	—
Isolation	5-1250MHz	dB	12.0	16.0	—

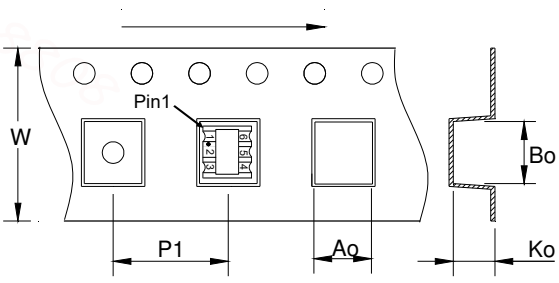








Carrier Tape Orientation



Tape & Reel Information

Parameter	Units	Value
Qty per reel	PCS	1500
Reel Size	mm	330
Tape Width	mm	16.00
Pitch	mm	12.00
Ao	mm	7.40
Bo	mm	8.10
Ko	mm	3.80

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