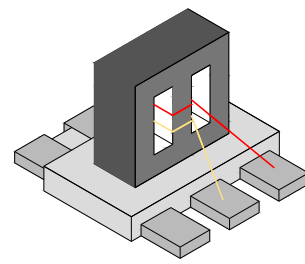


Power Splitter/Combiner

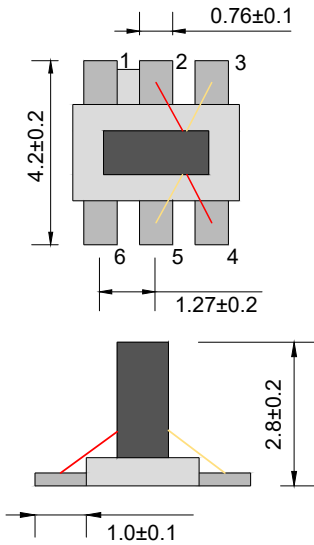
EDL2-25-G012389

2020-03-04 Rev. 0

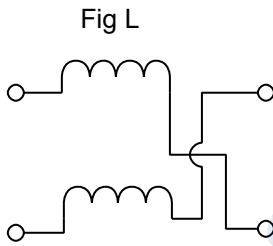


50Ω 2 Way-0° Power Divider 300-1600 MHz

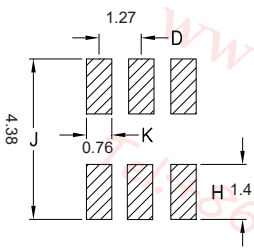
Outline Drawing(mm)



Electrical structure



Recommended layout(mm)



Pin Connections

SUM PORT	2,5,6
PORT 1	3
PORT 2	4
GROUND	1
EXT. RESISTOR 475Ω	3,4

Features

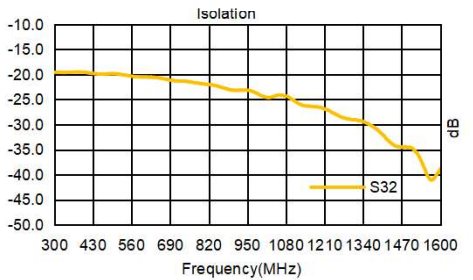
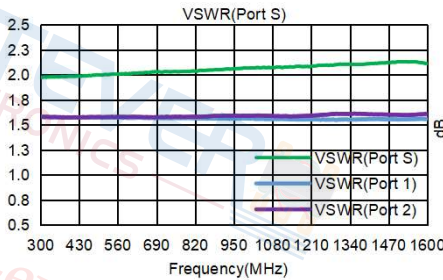
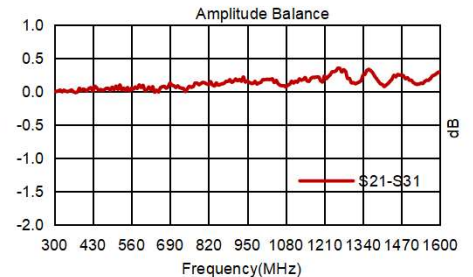
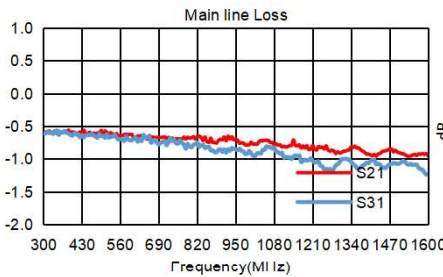
- Operating temperature range: -40°C to +85°C
- Storage temperature range: -55°C to +100°C

Applications

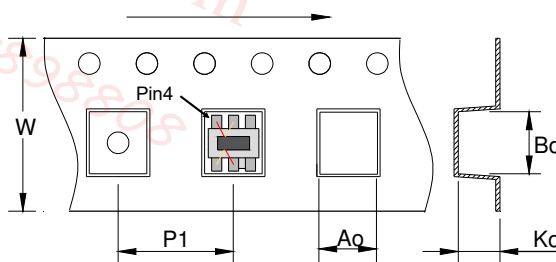
- For CATV broadband applications
- For VHF/UHF receivers/transmitters and push-pull amplifiers

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

Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss (out1)	300-1600MHz	dB	—	0.8	1.2
Main line Loss (out2)	300-1600MHz	dB	—	1.0	1.5
Amplitude Balance	300-1600MHz	dB	0.0	0.3	0.8
Phase Balance	300-1600MHz	°	0.0	3.0	6.0
SWR - S	300-1600MHz	dB	—	2.0	2.5
SWR - 1	300-1600MHz	dB	—	1.5	1.8
SWR - 2	300-1600MHz	dB	—	1.5	1.8
Isolation	300-1600MHz	dB	20	30.0	—



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

EXT. RESISTOR 475Ω



Balun Transformer | Coupler | Divider | Inductor | Choke | Bead | Air Coil | LAN Transformer

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