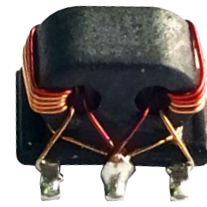


Power Splitter/Combiner

EDT0504-D010250

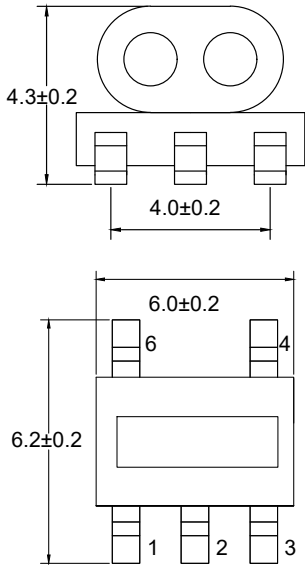
2020-08-18 Rev. 0



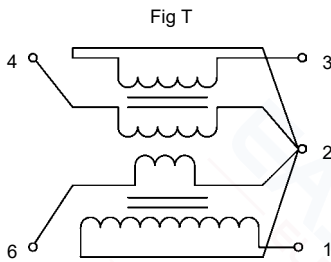
75Ω 2 Way-0° Power Divider

1-1000MHz

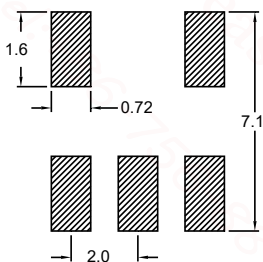
Outline Drawing(mm)



Electrical structure



Recommended layout(mm)



Pin Connections

SUM PORT	6
PORT 1 (External 150Ω Resistance PORT 2)	4
PORT 2 (External 150Ω Resistance PORT 1)	3
GROUND	1
External 0.5 pF Capacitor GROUND	2

Features

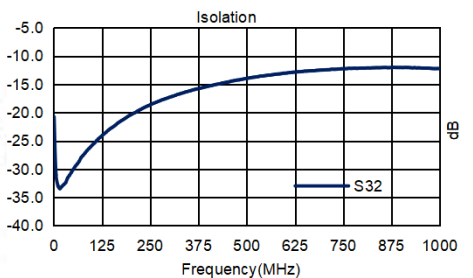
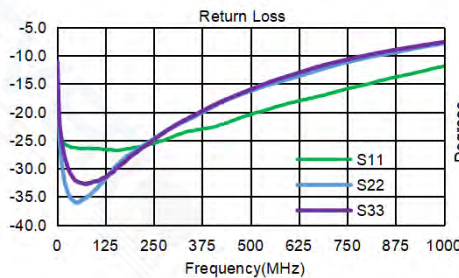
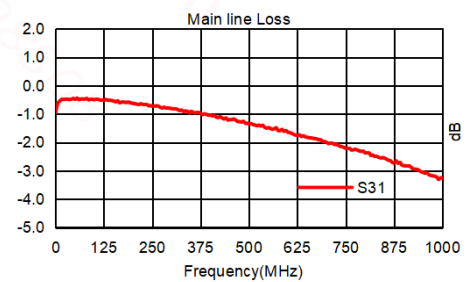
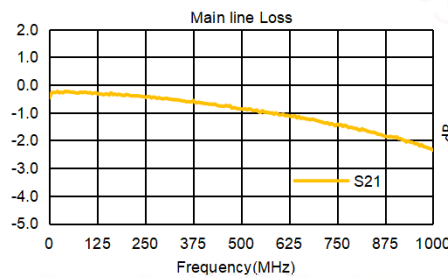
- Operating temperature range: -40°C to +85°C
- Storage temperature range: -55°C to +100°C

Applications

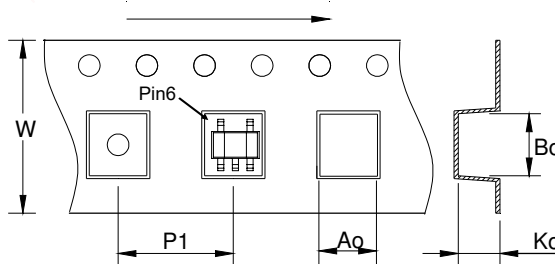
- For catv
- For broadband and wireless communications

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

Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss (Pin6-4)	1-1000MHz	dB	—	2.0	3.5
Main line Loss (Pin6-3)	1-1000MHz	dB	—	2.0	4.0
Input Return Loss	1-1000MHz	dB	8.0	12.0	—
Output Return Loss 1	1-1000MHz	dB	6.0	10.0	—
Output Return Loss 2	1-1000MHz	dB	6.0	10.0	—
Isolation	1-1000MHz	dB	8.0	14.0	—



Carrier Tape Orientation



Tape & Reel Information

Parameter	Units	Value
Qty per reel	PCS	1000
Reel Size	mm	330
Tape Width	mm	16.00
Pitch	mm	12.00
Ao	mm	7.20
Bo	mm	7.50
Ko	mm	4.90