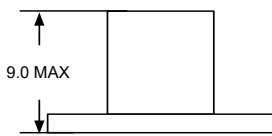
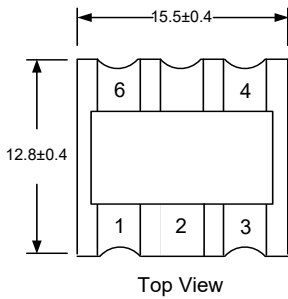
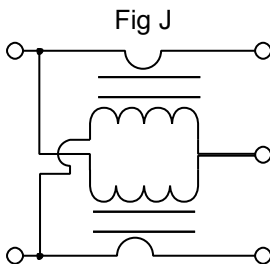


50Ω 20dB Directional Coupler 1.5-200MHz

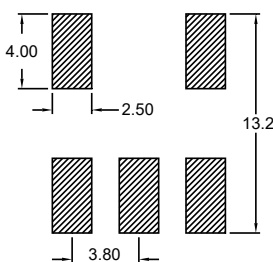
Outline Drawing(mm)



Electrical structure



Recommended layout(mm)



Pin Connections

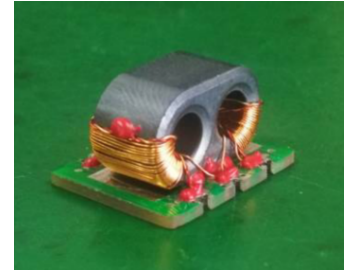
Input	1
Coupling	3
Output	6
Ground	2
External 50 Ω	4

Features

- Operating temperature range: -40 °C to +85 °C
- Storage temperature range: -55 °C to +100 °C
- 260°C Reflow Compatible
- RoHS compliant and lead free

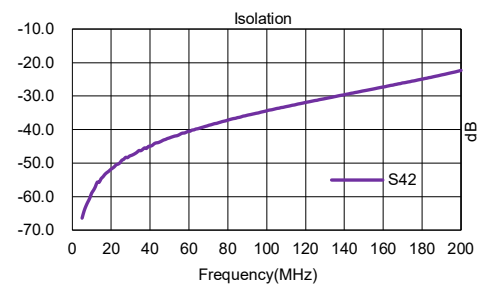
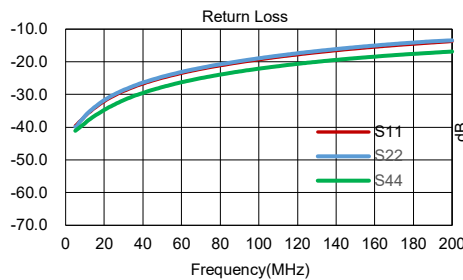
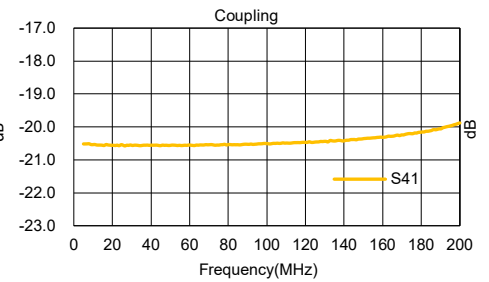
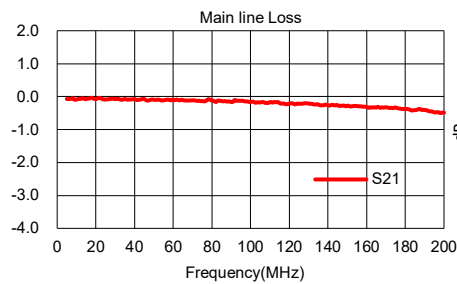
Applications

- For catv
- For broadband and wireless communications

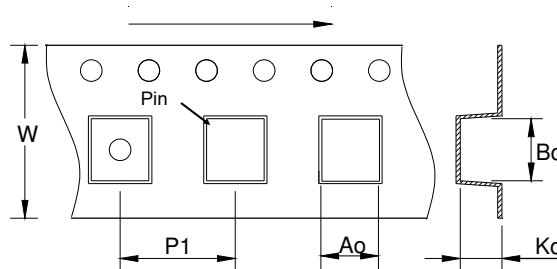


Electrical Specifications: TA=25 °C, 0dBm, Z0=50Ω

Parameter	Test Conditions	Units	Min	Typ	Max
Coupling(S41)	1.5-200MHz	dB	19.0	20.0	21.0
Main line Loss(S21)	1.5-200MHz	dB	—	0.8	1.5
Input Return Loss(S11)	1.5-200MHz	dB	20.0	16.0	—
Coupling Return Loss(S44)	1.5-200MHz	dB	18.0	16.0	—
Output Return Loss(S22)	1.5-200MHz	dB	20.0	16.0	—
Isolation(S42)	1.5-200MHz	dB	18.0	35.0	—



Carrier Tape Orientation



Tape & Reel Information

Parameter	Units	Value
Qty per reel	PCS	
Reel Size	mm	
Tape Width	mm	
Pitch	mm	
Ao	mm	
Bo	mm	
Ko	mm	

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Signal Conditioning](#) category:

Click to view products by [Sunltech](#) manufacturer:

Other Similar products are found below :

[PD0409J5050S2HF](#) [HHS-109-PIN](#) [AFS14A35-1591.50-T3](#) [JP510S](#) [LFB322G45SN1A504](#) [SF2159E](#) [FM-104-PIN](#) [CER0813B](#)

[MAPDCC0005](#) [3A325](#) [BD0810N50100AHF](#) [DC0710J5005AHF](#) [DC2327J5005AHF](#) [LFL15869MTC1B787](#) [X3C19F1-20S](#)

[CDBLB455KCAX39-B0](#) [RF1353C](#) [051157-0000](#) [PD0922J5050D2HF](#) [600S150FTRB](#) [1E1305-3](#) [1F1304-3S](#) [TP-103-PIN](#)

[BD1222J50200AHF](#) [BD1722J50100AHF](#) [2450DP39K5400E](#) [BD0810J50150AHF](#) [BD1722J50200AHF](#) [DS-327-PIN](#) [MACP-008125-](#)

[CK07F0](#) [DS-329-PIN](#) [DS-313-PIN](#) [TP-104-PIN](#) [TP-101-PIN](#) [HH-128-PIN](#) [8594810000](#) [T-1000-N](#) [JP506S](#) [XC0900P-10S](#) [XC0900B-30S](#)

[CHE1260-QAG](#) [11305-10](#) [5962-9091202MXA](#) [3A412S](#) [X3C06A4-03S](#) [B39000Z3410A4](#) [DSS-333-PIN](#) [PD2425J5050S2HF](#)

[B39242B4360P810](#) [B39781B8005P810](#)