

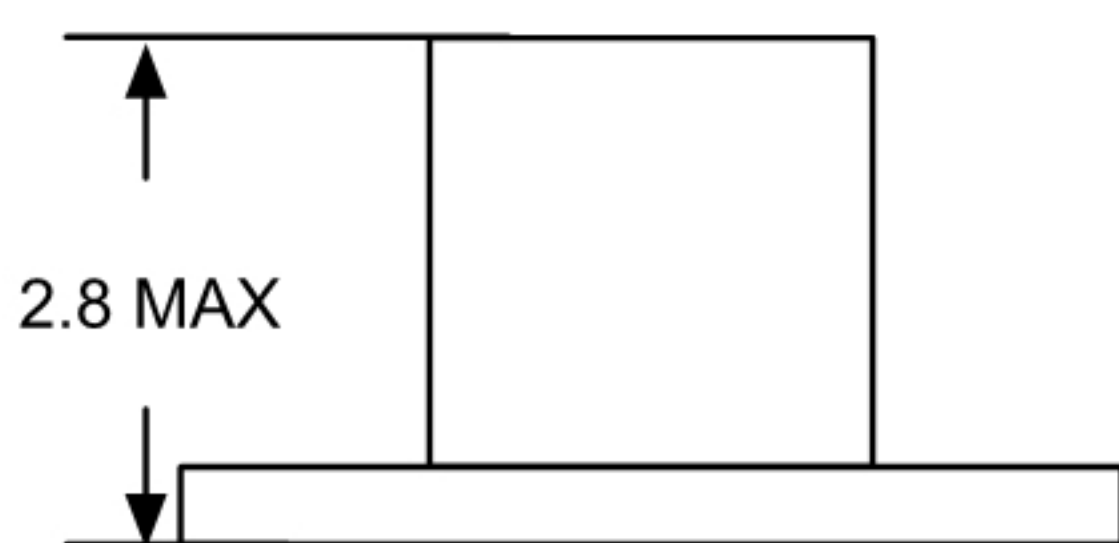
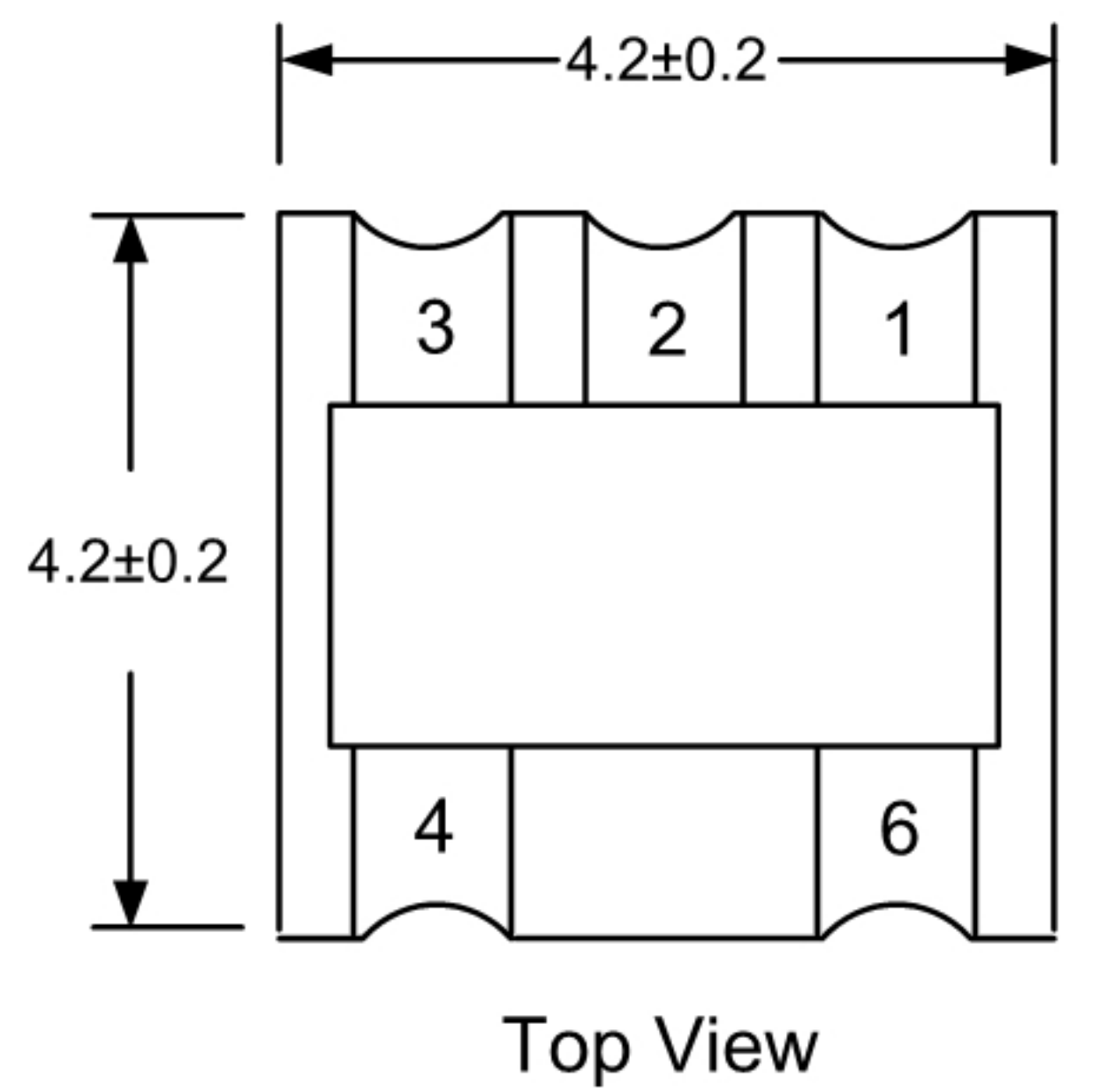
# RF Balun Transformer HTW-9573



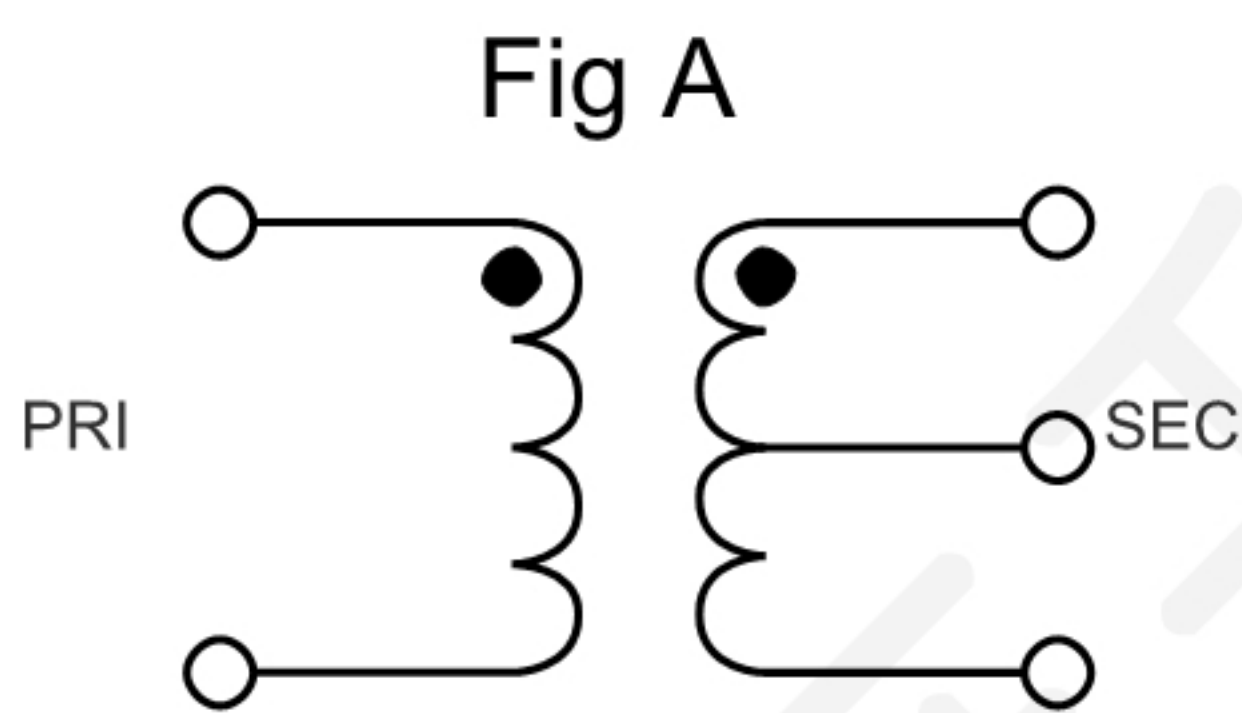
75Ω 1: 1.77 CT Flux Coupled Transformer 5-100 MHz



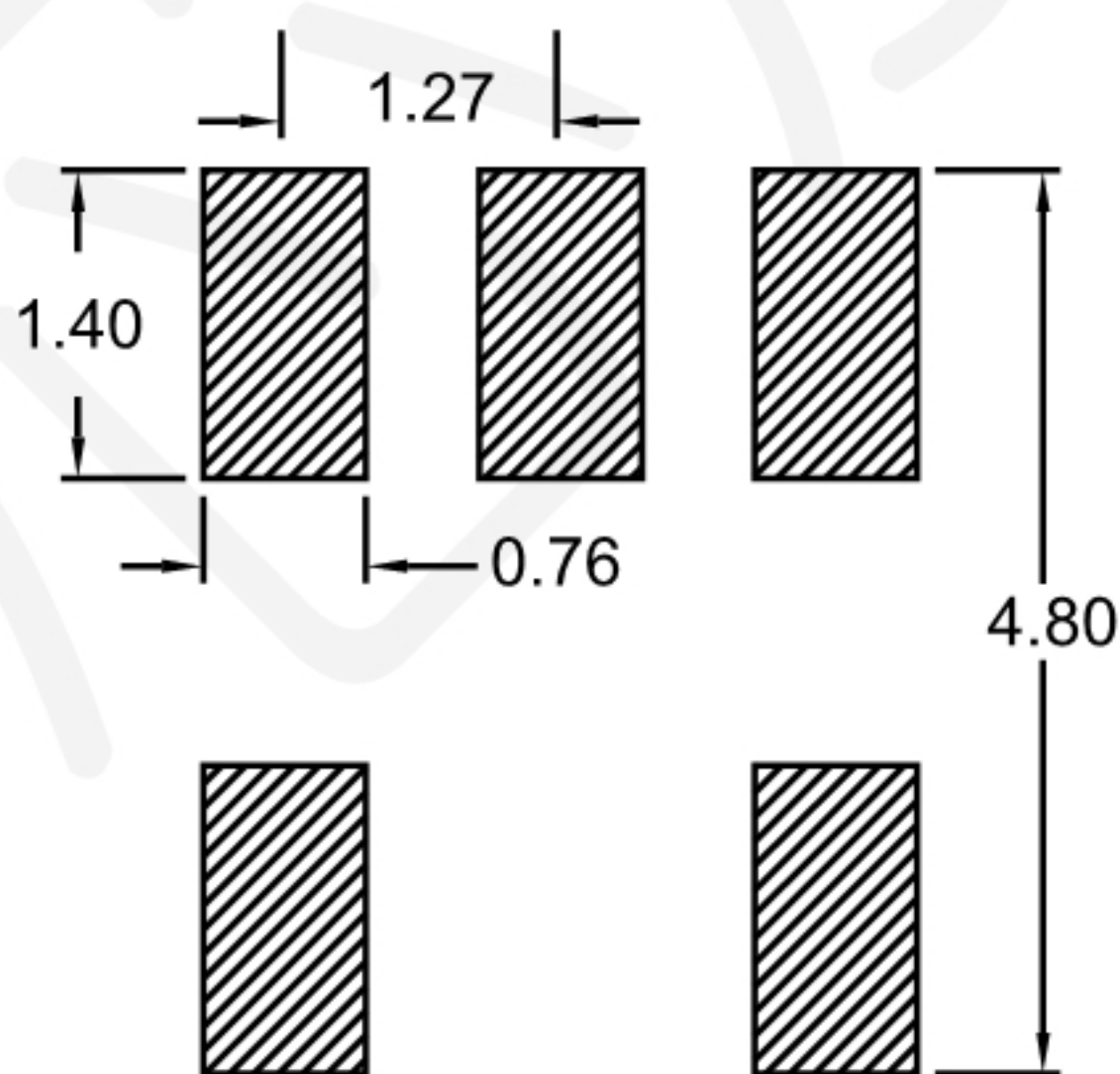
## Outline Drawing(mm)



## Electrical structure



## Recommended layout(mm)



## Pin Connections

Input	4
Output 1	3
Output 2	1
Ground	2,6

## Features

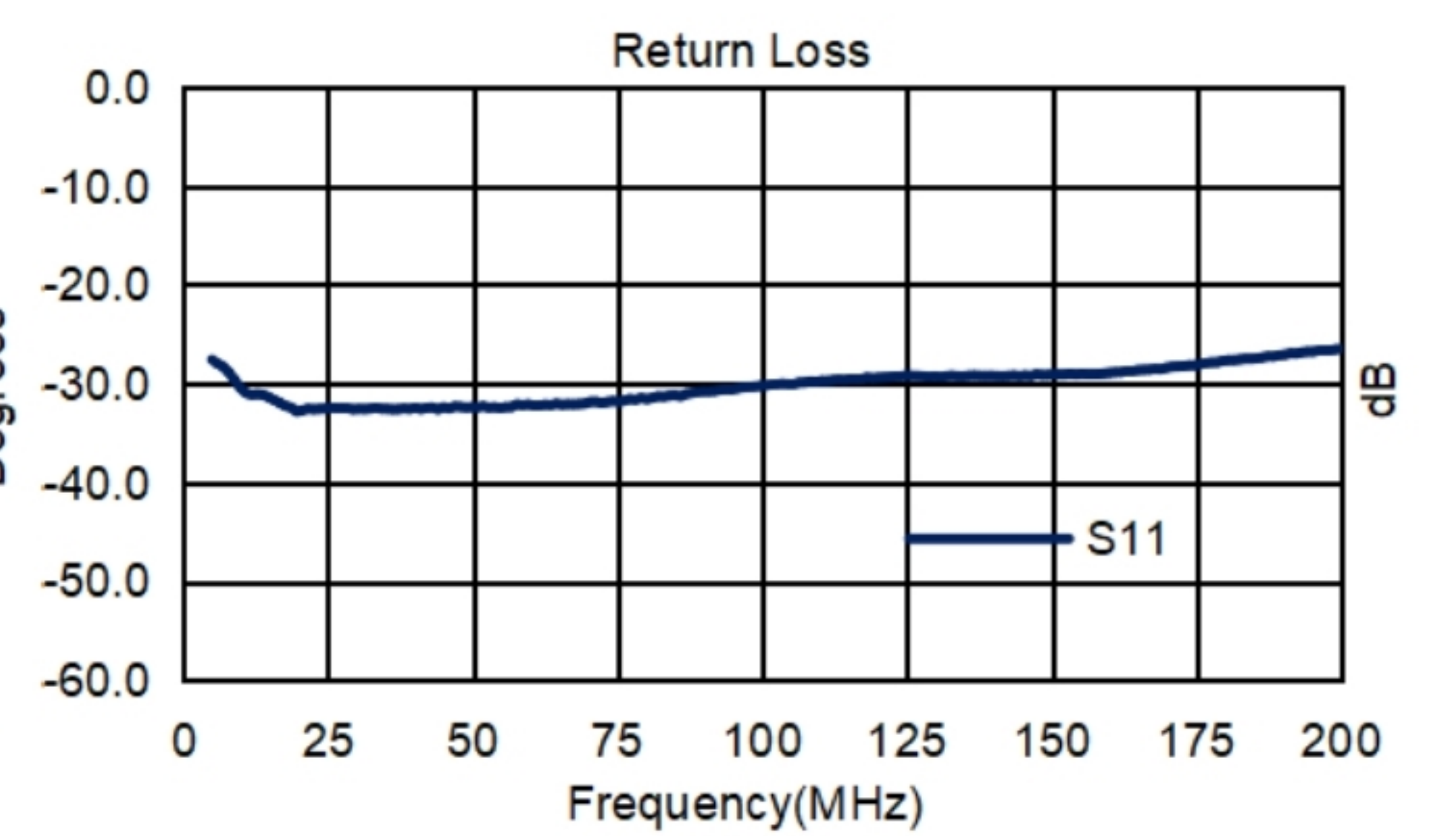
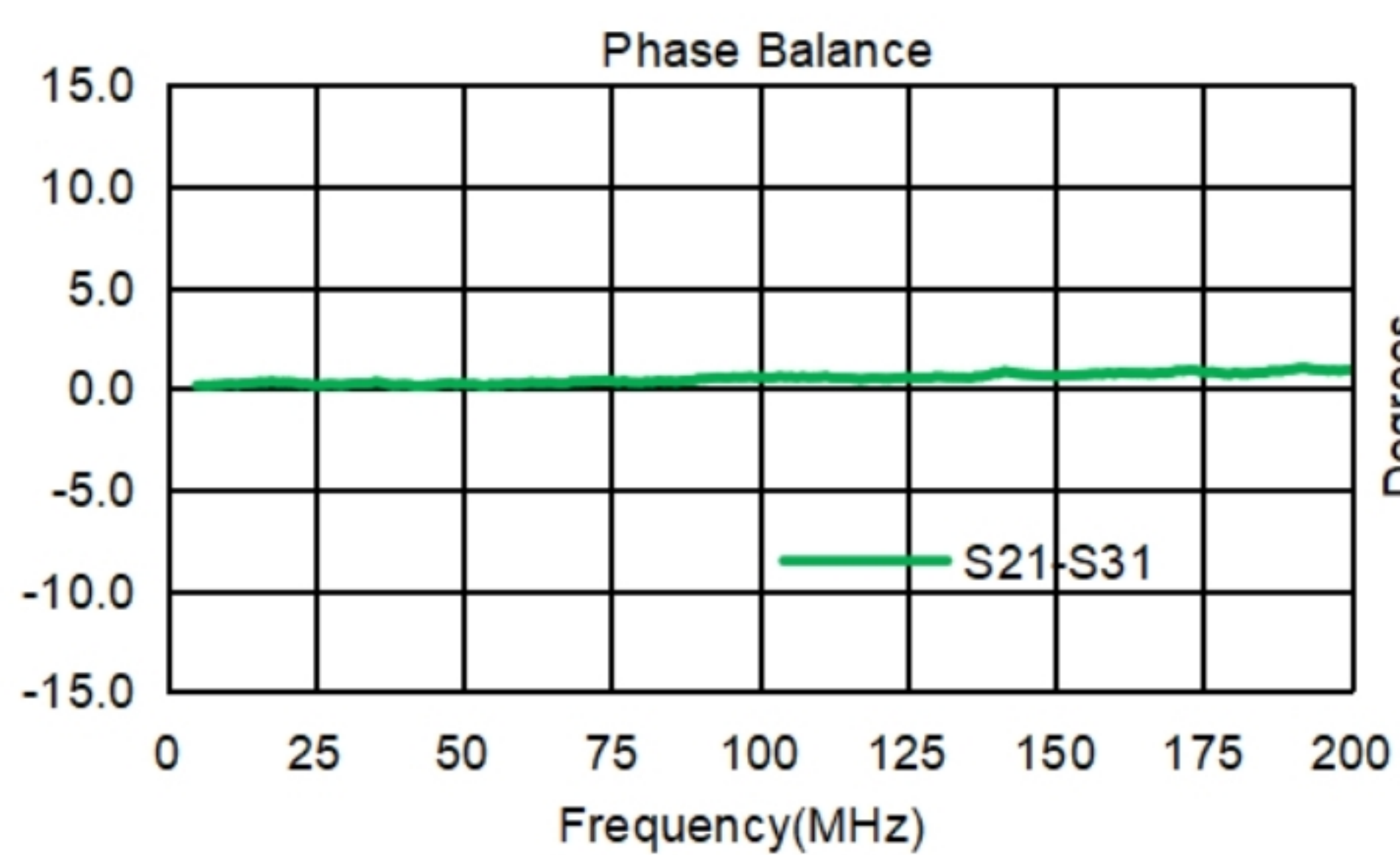
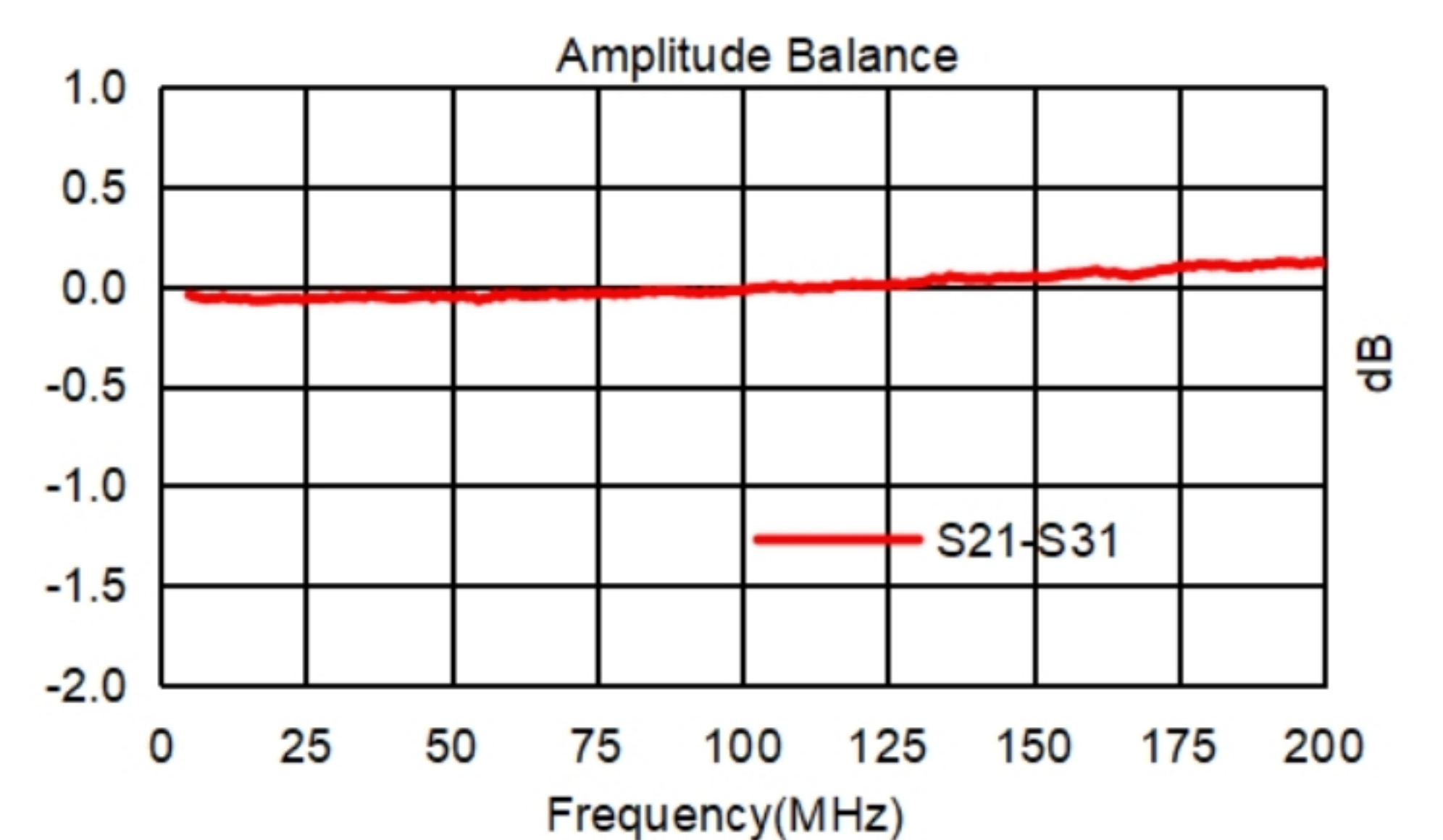
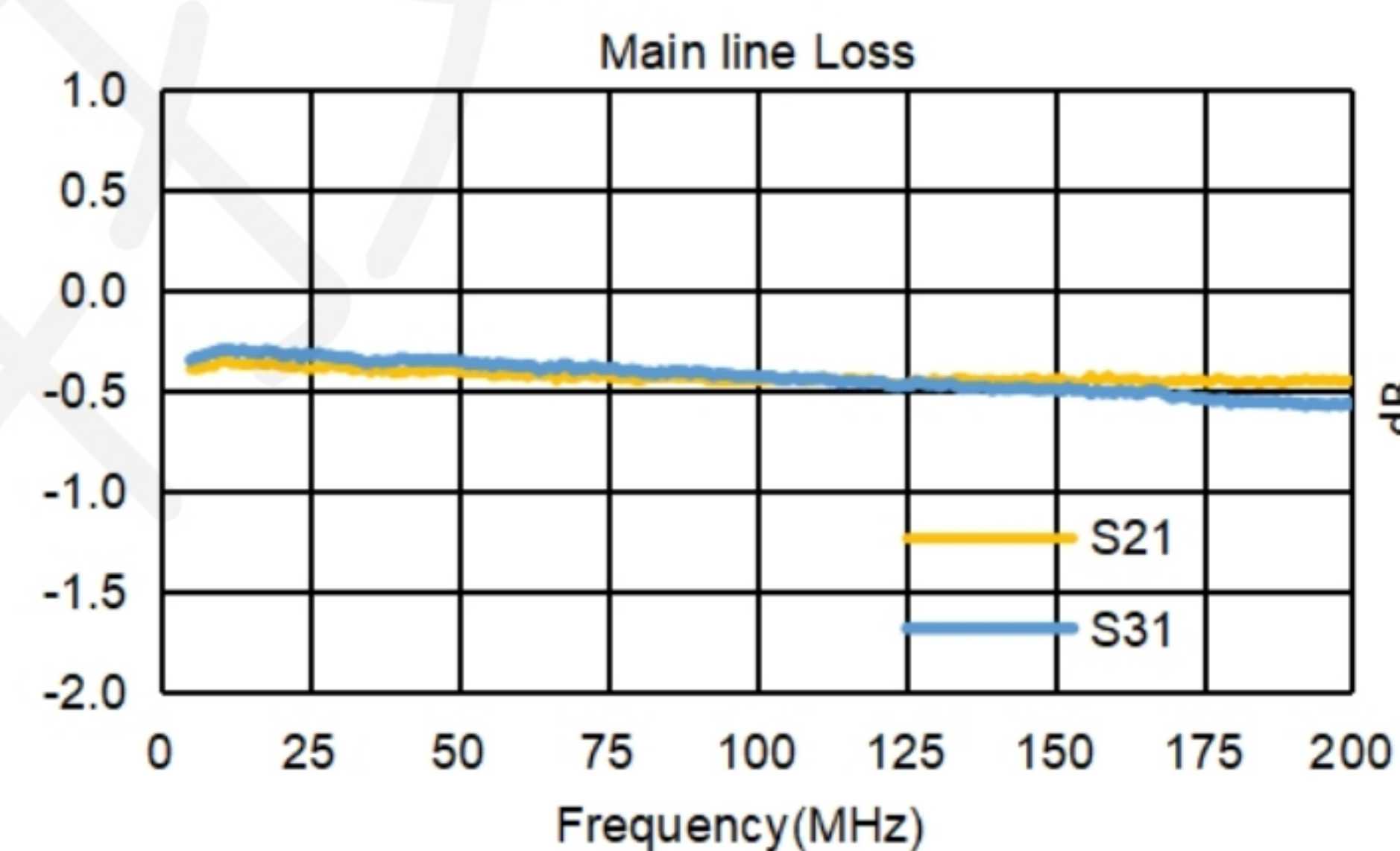
- Operating temperature range: -40 °C to +85 °C
- Storage temperature range: -55 °C to +100 °C
- 260 °C Reflow Compatible
- RoHS compliant and lead free
- Input Power: 250mW
- DC Current: 30mA

## Applications

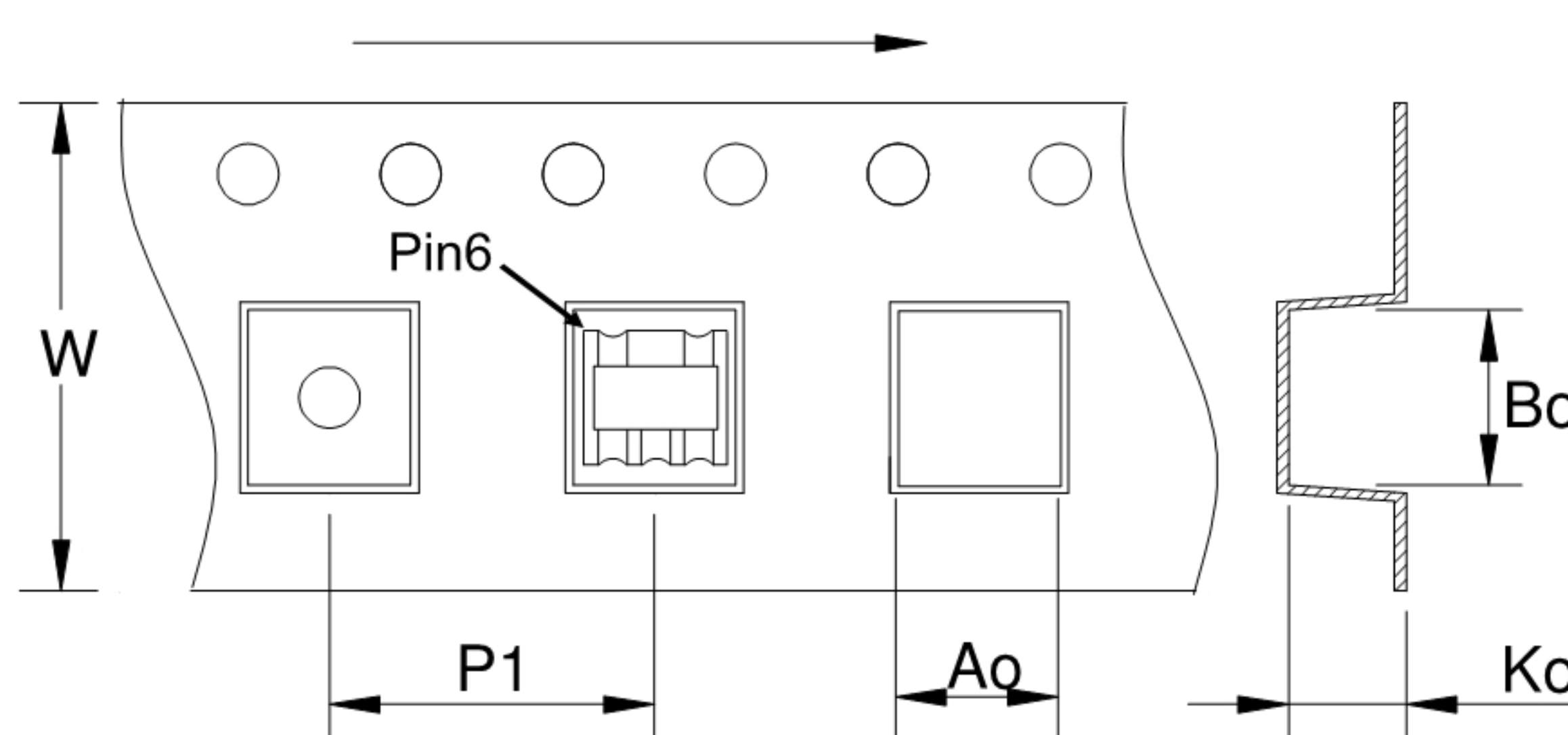
- For Docsis 3.0 & 3.1 Cable Modem.
- For Wideband Push-pull Amplifiers.
- For CATV Amplifiers Module & Set top box.
- For CATV Optical Receivers and Amplifiers.
- For VHF/UHF Transmitters and Push-pull Amplifiers.

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

Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss (Pin4-3)	5-100MHz	dB	—	0.5	0.8
Main line Loss (Pin4-1)	5-100MHz	dB	—	0.5	0.8
Amplitude Balance	5-100MHz	dB	0.0	0.1	0.5
Phase Balance	5-100MHz	°	0.0	1.0	5.0
Input Return Loss(Pin4)	5-100MHz	dB	20.0	30.0	—



## Carrier Tape Orientation



## Tape & Reel Information

Parameter	Units	Value
Qty per reel	PCS	2000
Reel Size	mm	330
Tape Width	mm	16.00
Pitch	mm	8.00
Ao	mm	4.80
Bo	mm	4.80
Ko	mm	3.50