

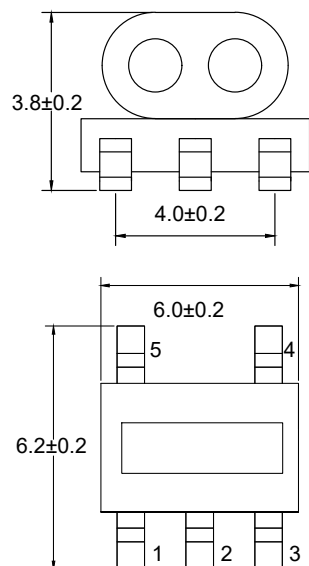
RF Balun Transformer

EBD0249-G010942

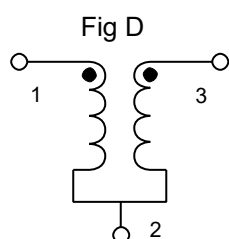
2025-0T-MM Rev. 1



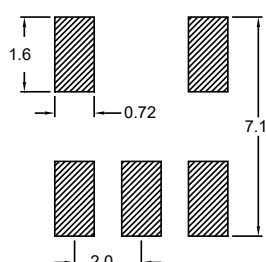
Outline Drawing(mm)



Electrical Structure



Recommended Layout(mm)



Pin Connections

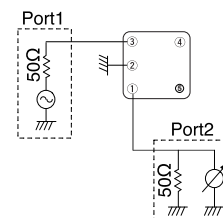
Input	3
Output	1
Ground	2
Not Connected	4,5

Features

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

Applications

- For Motorola Walkie-talkie.
- For Car Streaming Media Rearview Mirror.
- For Broadband and Wireless Communications.
- For Wireless Microphone & Marine Communications.
- For Ideally Suited LTE, Cellular, UMTS, WiFi, WiMAX.
- For Differential Modulator/demodulator and Active Mixers.

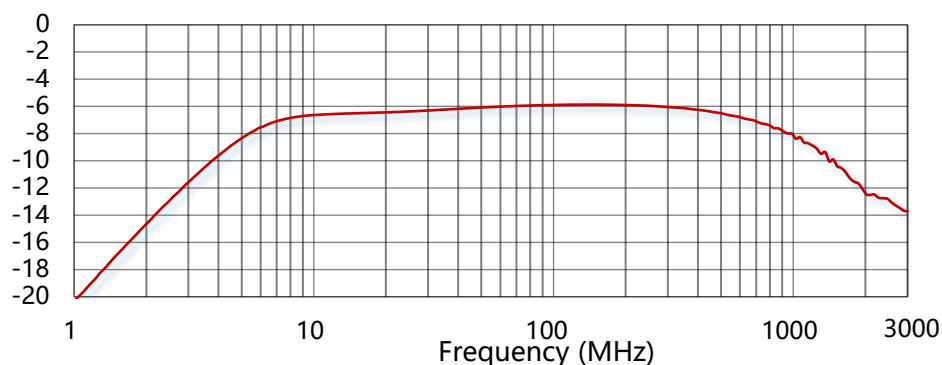


Bottom view

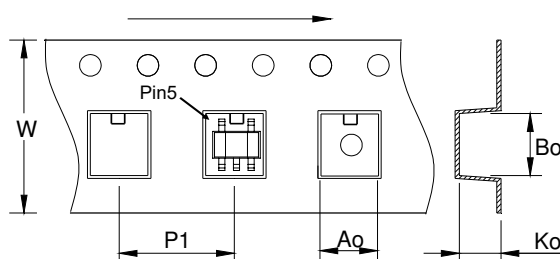
Electrical Specifications: TA=25℃, 0dBm, Z0=50Ω

Parameter	Test Conditions	Units	Min	Typ	Max
Insertion Loss	10-200MHz	dB	4.5	6.5	8.5

Insertion Loss



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	4.60