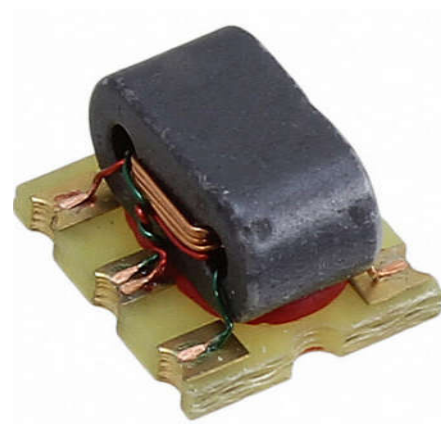


RF Balun Transformer 4:1 Step Down Transformer

Features:

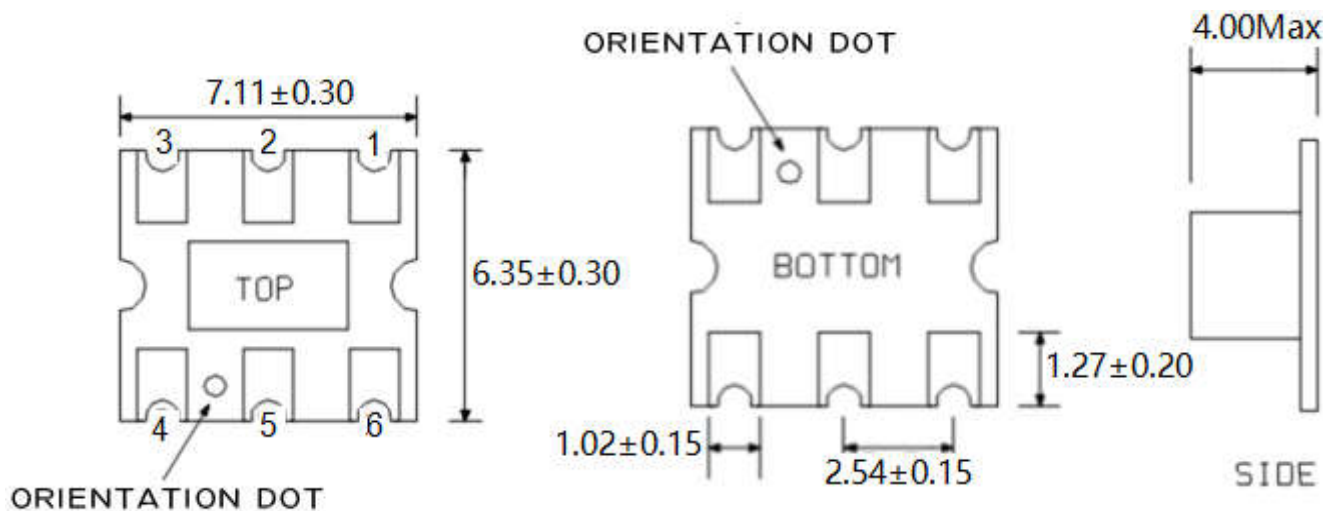
- ◆ Equivalent to: MABA-011002/MABA-011048
- ◆ 75 Ω Characteristic Impedance
- ◆ Frequency: 5 to 200 MHz
- ◆ RF power: 1.0W
- ◆ DC current: 500mA
- ◆ Operating temperature range: -40°C to +85°C
- ◆ Storage temperature range: -55°C to +100°C



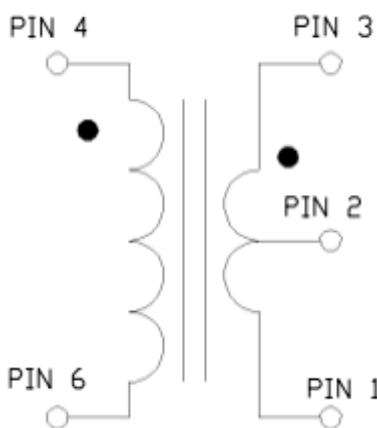
Applications:

- ◆ For broadband and Docsis 3.1 Cable Modem
- ◆ For VHF/UHF receivers/transmitters and push-pull amplifiers

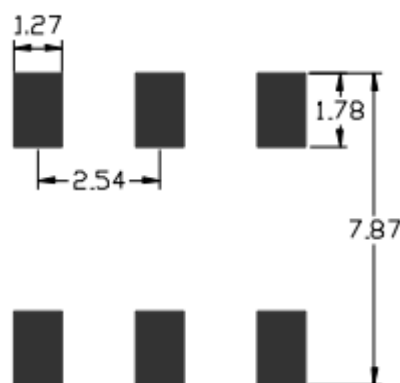
Dimension Diagram (Unit:mm) :



Electrical structure:

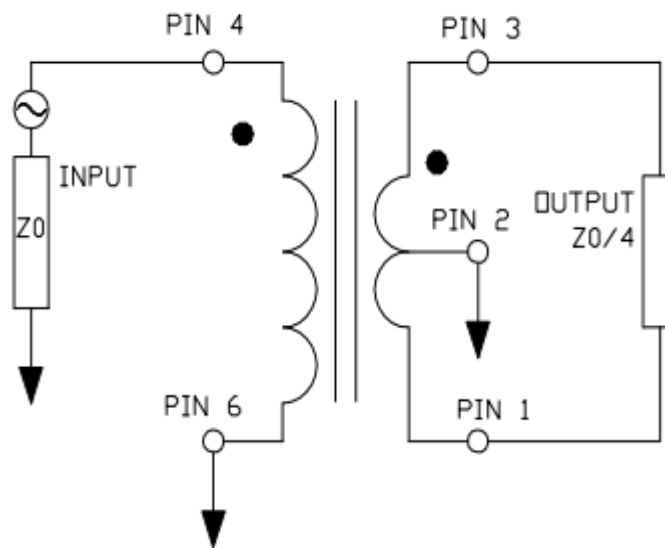


Recommended layout:

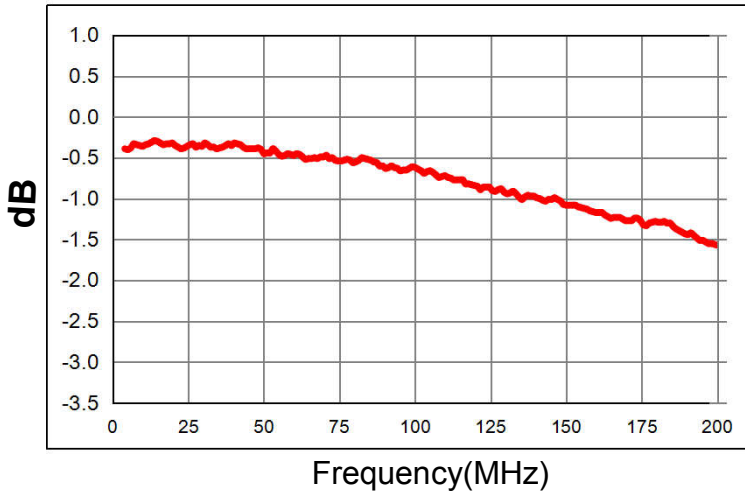
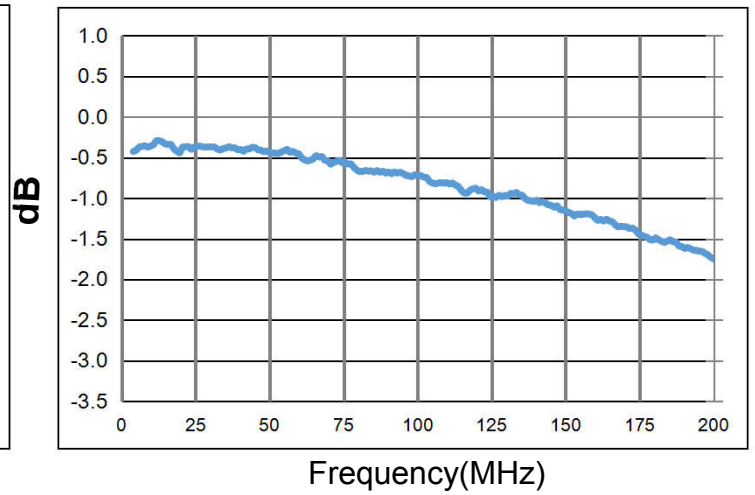
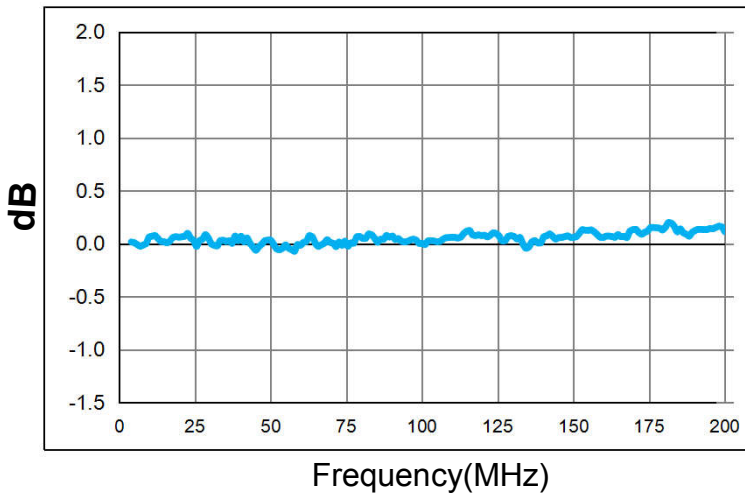
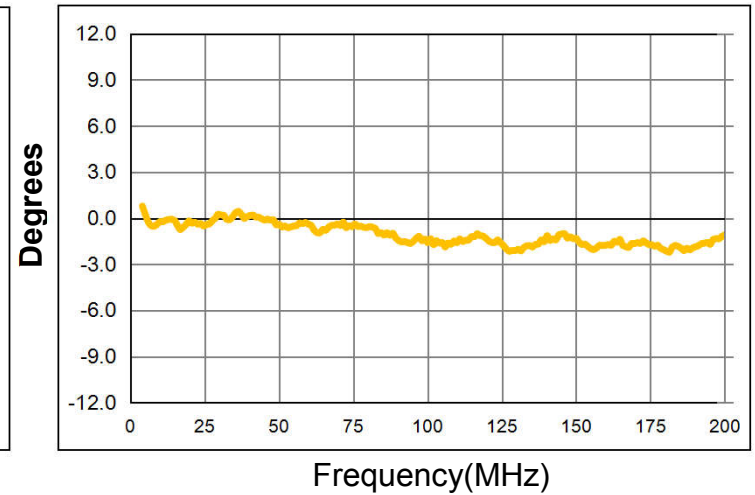
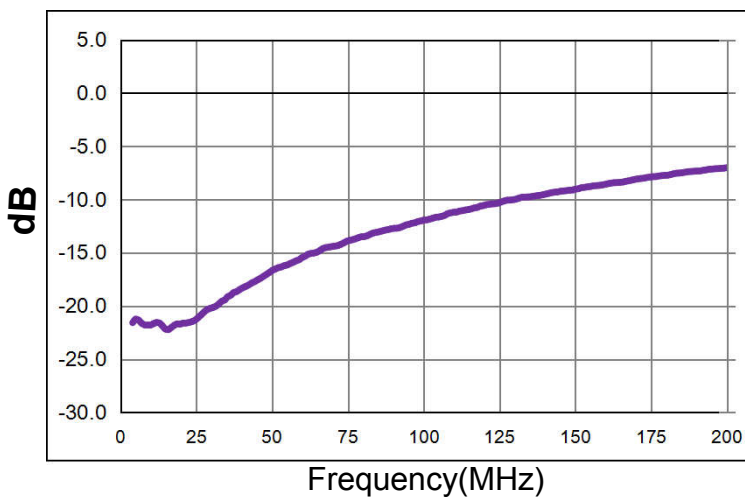


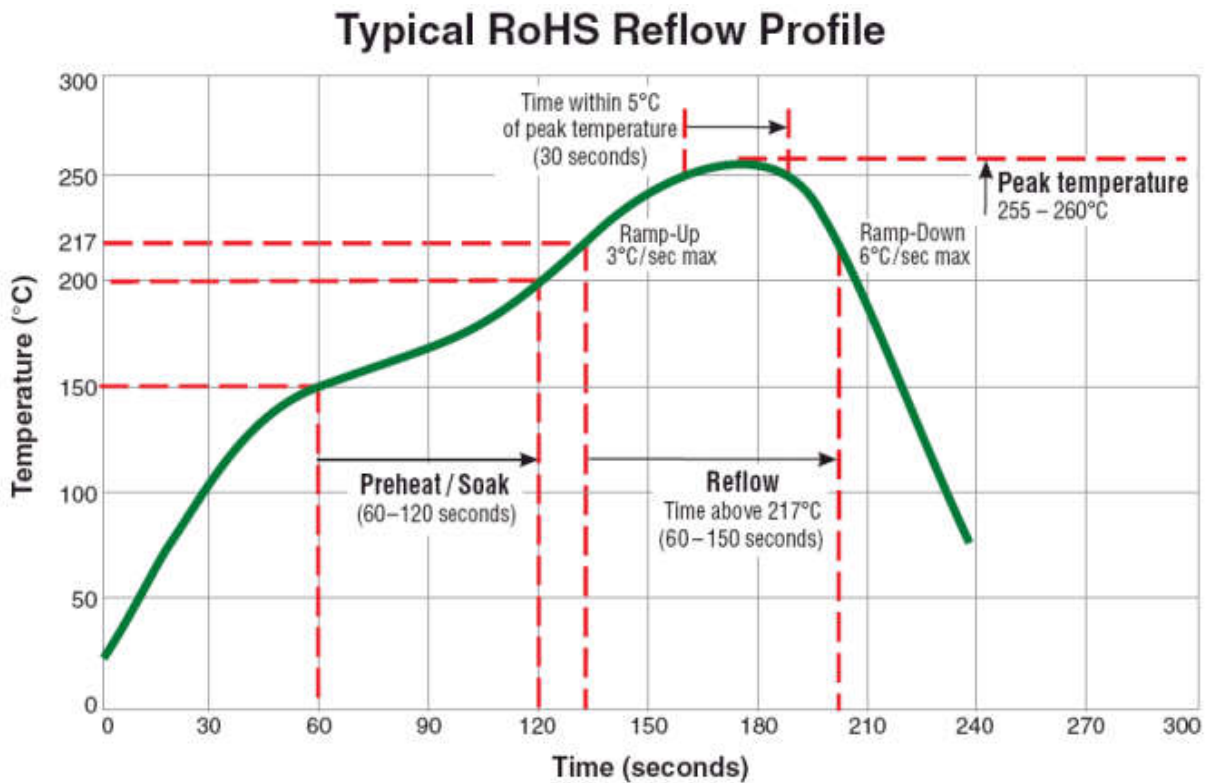
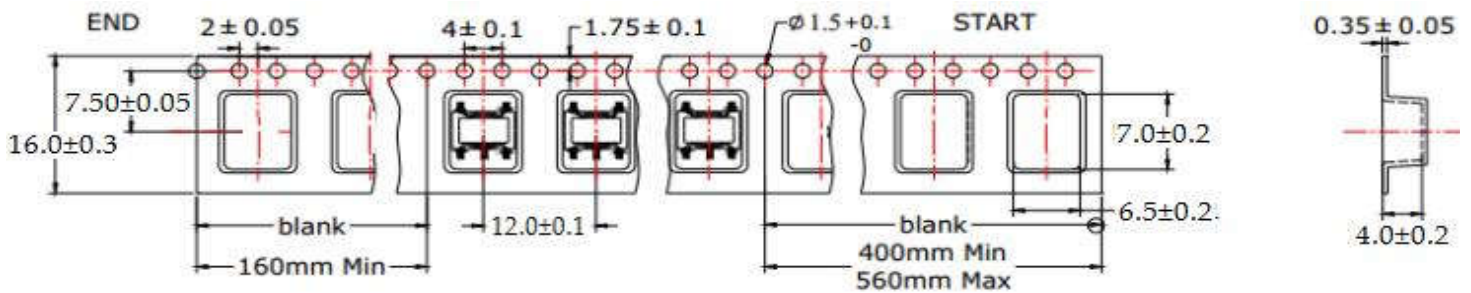
Pin configuration:

Pin No.	Function
1	Secondary (Output 2)
2	Centre tap(Ground)
3	Secondary dot(Output 1)
4	Primary dot(Input)
6	Primary(Ground)

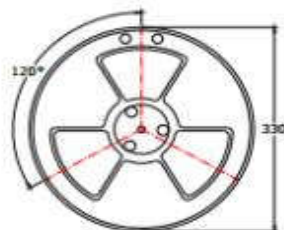
Application circuit :

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

Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss(out1)	5-200MHz	dB	—	1.5	2.5
Main line Loss(out2)	5-200MHz	dB	—	1.5	2.5
Amplitude Balance	5-200MHz	dB	—	0.1	1.2
Phase Balance	5-200MHz	°	—	2.0	±6.0
Input Return Loss	5-200MHz	dB	5.0	8.0	—

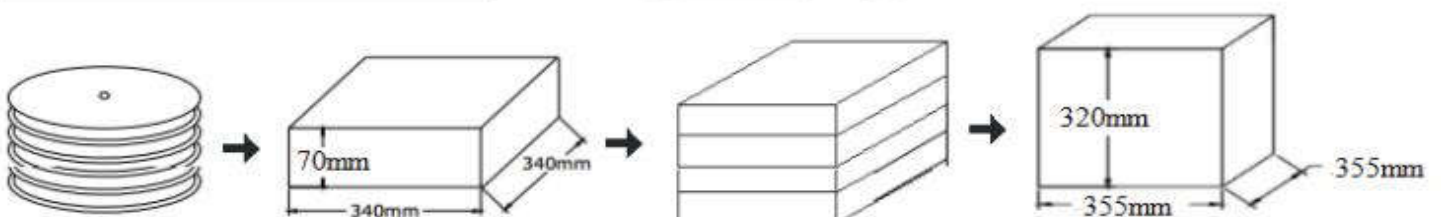
Main line Loss(out1)

Main line Loss(out2)

Amplitude Balance

Phase Balance

Input Return Loss


Recommended Soldering Temperature Graph:

Packaging Dimension For Caeier Tape(UNIT:mm):


QUANTITY
1000PCS/Reel
3Reels/Middle Carton Middle Carton:
4 Middle Cartons/Big Carton
12000PCS/ Big Carton



SPEC	8	12	16	24
DIM A±0.1	8.5	12.5	16.5	24.5
DIM B±0.1	2.3	2.3	2.3	2.3
DIM C±0.1	100	100	100	100



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](#)