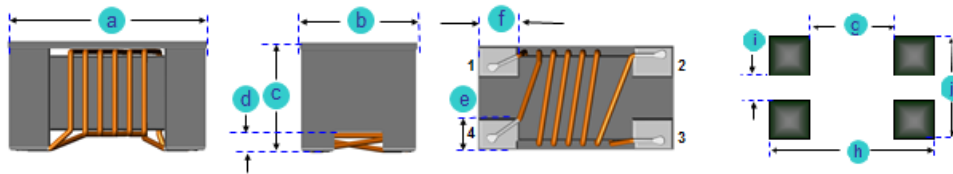


A. Electrical Specifications:

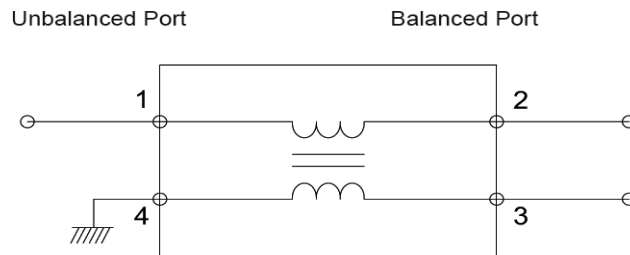
P/N	UB/B Impedance (Ω)	Insulation (MΩ) Min.	Withstand Voltage (DCV)	Rated Voltage (DCV)	DCR (Ω) Max.	Rated Current (mA) Max.	Frequency Range (MHz)	Insertion Loss @ Freq. Range (dB) Max.
BIH2012OB-001H	50/50	10	125	50	0.35	330	40MHz to 860MHz	2.5 dB
BIH2012OB-002H	75/75	10	125	50	0.35	330	50MHz to 1200MHz	1.2 dB
BIH2012OB-003H	75/75	10	125	50	0.35	330	1000MHz to 1500MHz	1.4 dB
BIH2012OB-004H	75/75	10	125	50	0.35	330	50MHz to 1200MHz	1.2 dB
BIH2012OB-005H	50/50	10	125	50	0.35	330	400MHz to 1800MHz	2.2 dB
BIH2012OB-006H	75/75	10	125	50	0.50	330	400MHz to 1800MHz	2.0 dB
BIH2012OB-007H	75/75	10	125	50	0.50	330	50MHz to 1200MHz	1.2 dB

B. Dimensions: mm (Inch)

Series	a	b	c	d	e	f	g	h	i	j
BIH2012OB	2.0 (0.079)	1.20 (0.047)	1.20 (0.047)	0.17 (0.007)	0.40 (0.016)	0.45 (0.018)	0.80 (0.031)	2.60 (0.102)	0.40 (0.016)	1.20 (0.047)
Tol.	±0.2 (0.008)	±0.2 (0.008)	±0.2 (0.008)	Typ.	Typ.	Typ.	Typ.	Typ.	Typ.	Typ.



C. Application Circuit:



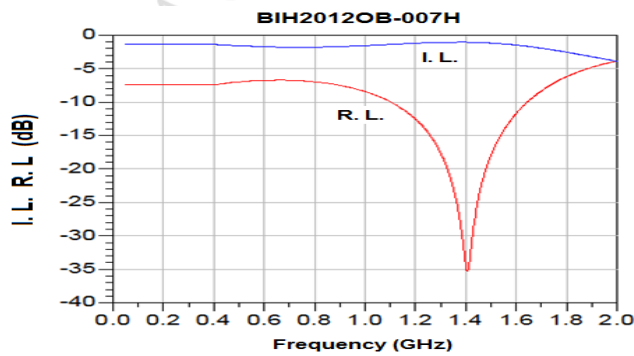
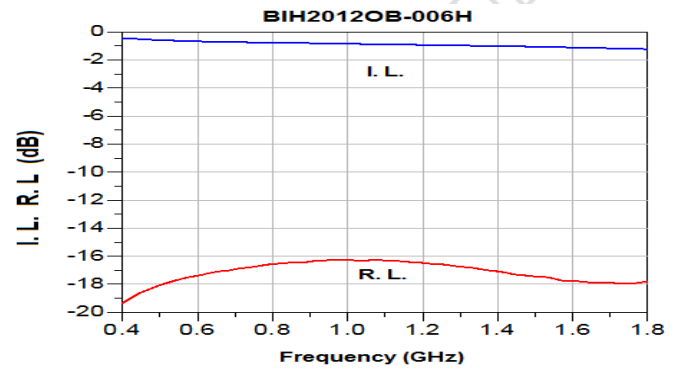
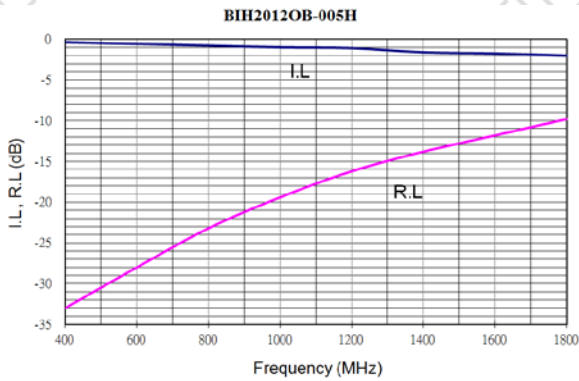
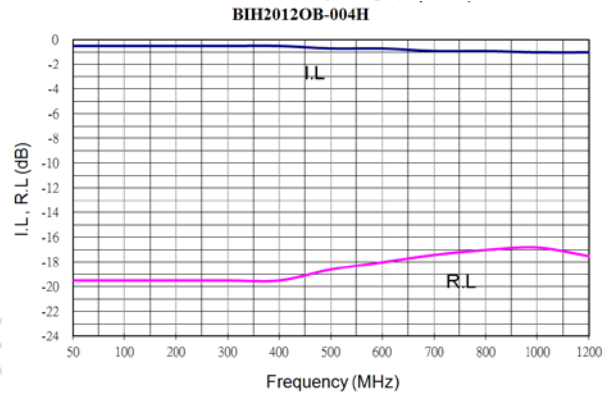
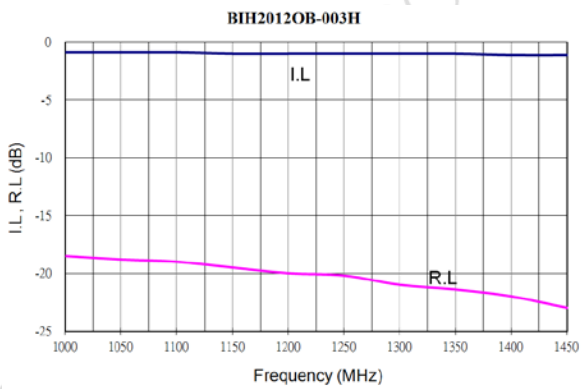
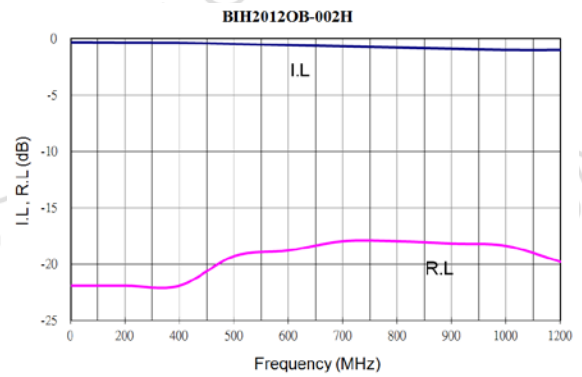
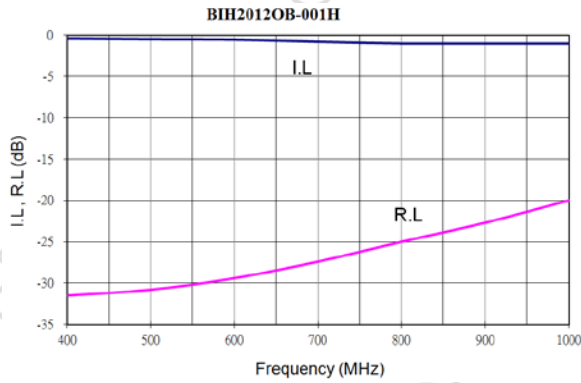
D. Features:

- Input impedance is 75Ω.
- Impedance ratio is 1:1.
- Frequency band width is 50MHz to 1.0GHz (IL=1.0dB typ.)
- MSL: Level 1.

E. Applications:

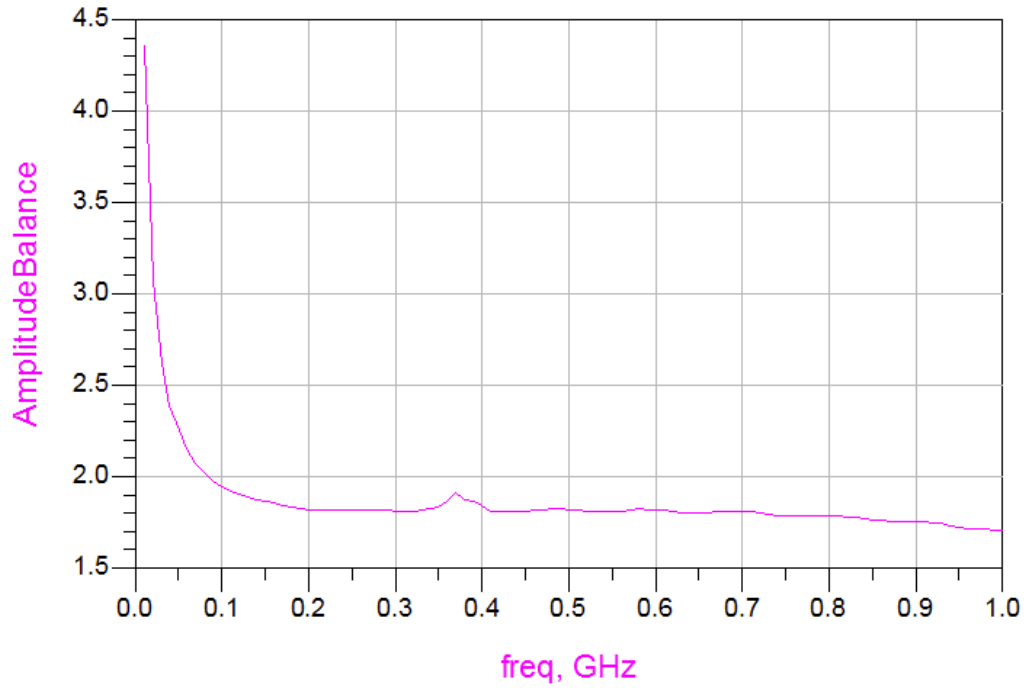
- Turner for TV.
- Mobile devices.
- Power driver for STB and Tuner.

F. Characteristics Curve:

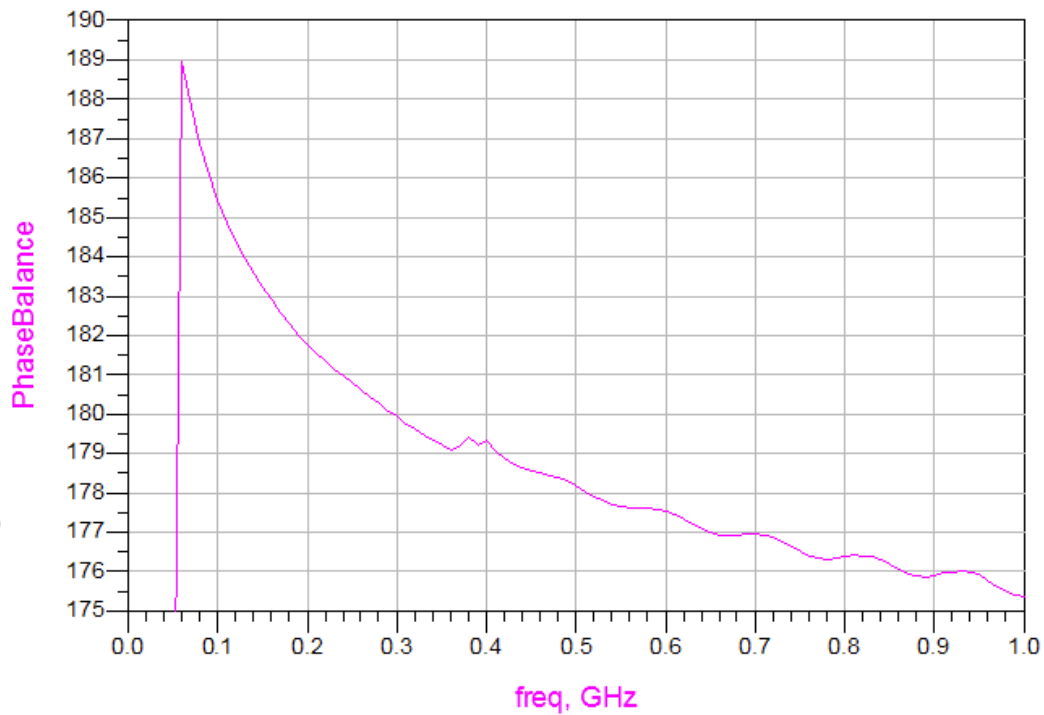




AmplitudeBalance_BIH2012OB-001H



PHASE BALANCE_BIH2012OB-001H



G. Supplementary Information:

1. Packaging Information (See Appendix A)
2. Solder Profile (See Appendix B)