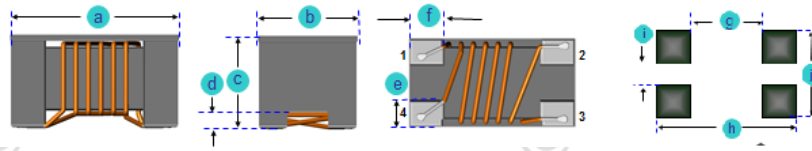
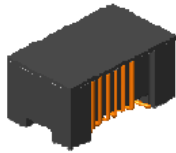


A. Electrical Specifications:

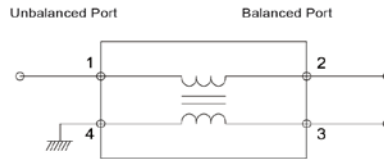
P/N	UB/B Impedance(Ω)	Withstand Voltage (DCV)	Rated Voltage (DCV)	DCR Max. (Ω)	Rated Current Max.(mA)	Frequency Range (MHz)	Insertion Loss at Freq. Range (Max.)
BIH2012OB-001H	75/75	125	50	0.35	330	50MHz to 1000MHz	1.0dB

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:



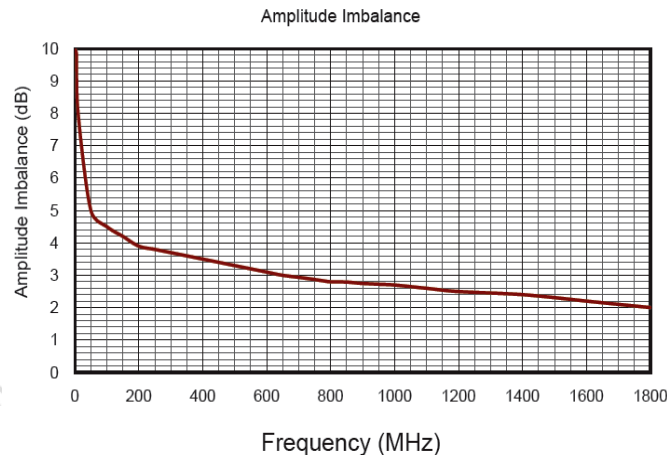
D. Features:

- Input impedance is 75 Ω .
- Impedance ratio is 1:1.
- Frequency band width is 50MHz to 1,0GHz (IL=1.0dB typ.)
- MSL: Level 1.

E. Applications:

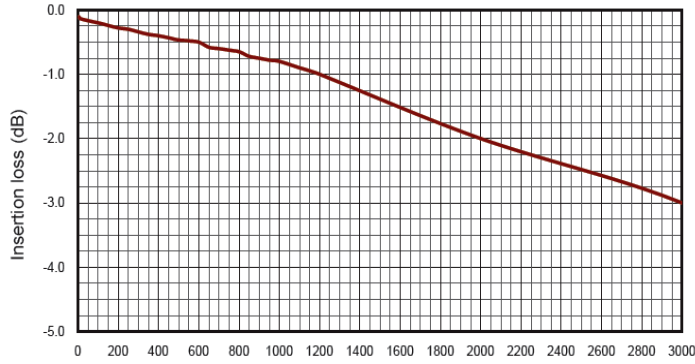
- Turner for TV.
- Mobile devices.
- Power driver for STB and Tuner.

F. Characteristics Curve:



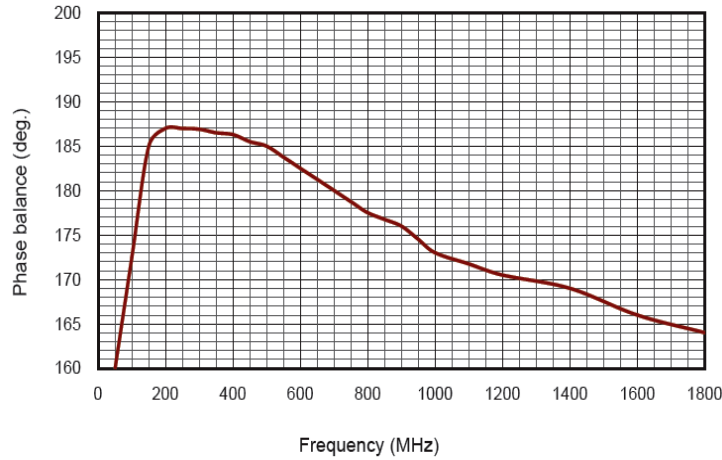


Insertion Loss



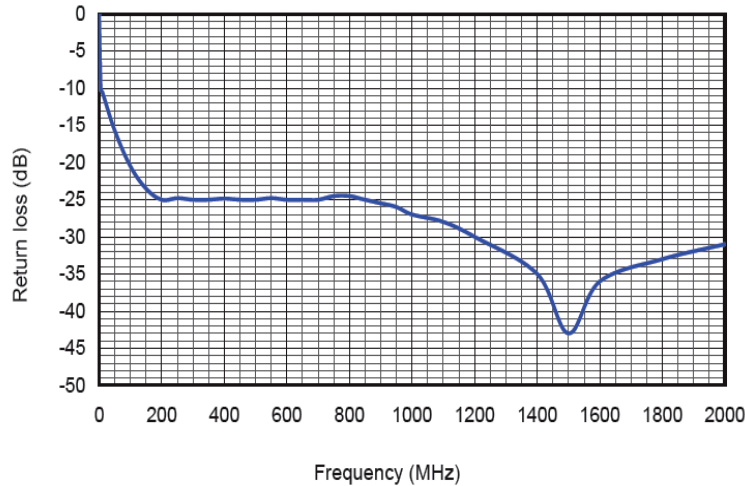
DC Current (mA)

Phase balance



Frequency (MHz)

Return Loss



Frequency (MHz)