

Wire Wound Type Balun

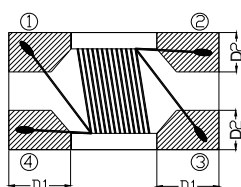
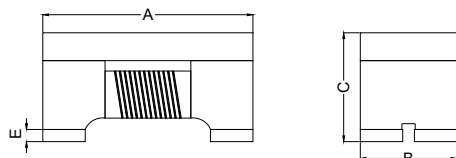
BCM2012F2SV-SERIES

1. Features

1. Low insertion loss at frequency range.
2. BCM2012F2SV series realizes small size and low profile. 2.0x1.2x1.2 mm.
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. High reliability -Reliability tests comply with AEC-Q200
5. Operating temperature-55~+125°C (Including self - temperature rise)



2. Dimension



Series	A(mm)	B(mm)	C(mm)	D1(mm)	D2(mm)	E(mm)
2012F2SV	2.0±0.2	1.2±0.2	1.2±0.2	0.50±0.1	0.51±0.1	0.15±0.1

3. Part Numbering

BCM	2012	F	2	S	V	-	750	11	-	122
A	B	C	D	E	F		G	H		I

- A: Series
 B: Dimension
 C: Material Ferrite Core
 D: Number of Lines 2=2 lines
 E: Type S=Shielded , N=Unshielded
 F: Category Code V=Vehicle
 G: Impedance Match 750= 75 ohm
 H: Turns Rate 11=1 : 1
 I: Control S/N Internal code

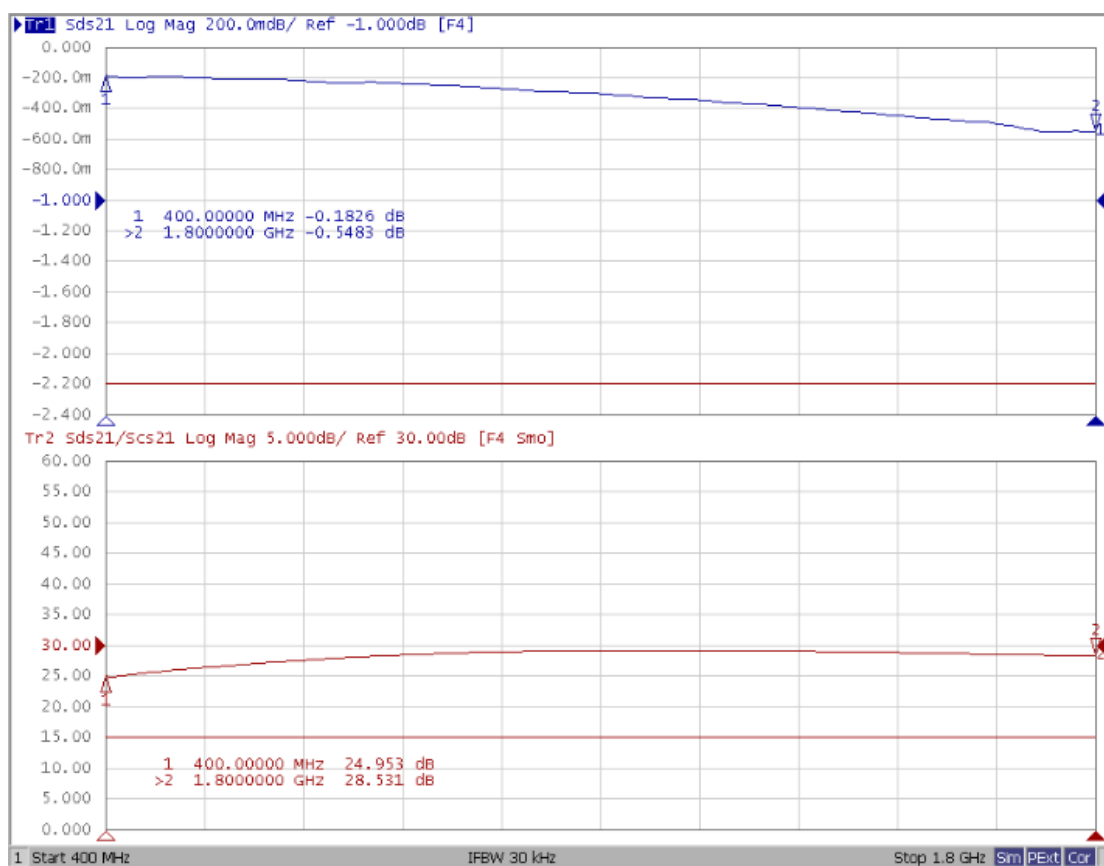
4. Specification

TAI-TECH Part Number	UB/B Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Power (dBm) max.	Rated Volt. (DCV) max.	Withstand Volt. (DCV) max.	IR (MΩ) min.	Insertion Loss (dB)max	CMRR (dB)
BCM2012F2SV-50011-TE2	50/50	400~1800	0.50	27	20	125	10	2.2	15(typ.)
BCM2012F2SV-50011-T02	50/50	40~ 860	1.00	27	20	125	10	2.5	20(typ.)
BCM2012F2SV-50011-MN2	50/50	100~1000	0.35	27	20	50	10	1.0	10(min.)
BCM2012F2SV-50011-ST2	50/50	45~870	1.00	27	20	50	10	1.2	20(min.)
BCM2012F2SV-75011-TE2	75/75	400~1800	0.50	27	20	125	10	2.0	15(typ.)
BCM2012F2SV-75011-T02	75/75	50~1200	0.70	27	20	125	10	1.2	20(typ.)
BCM2012F2SV-75011-MS2	75/75	1000~1500	0.59	27	20	50	10	1.4	20(min.)

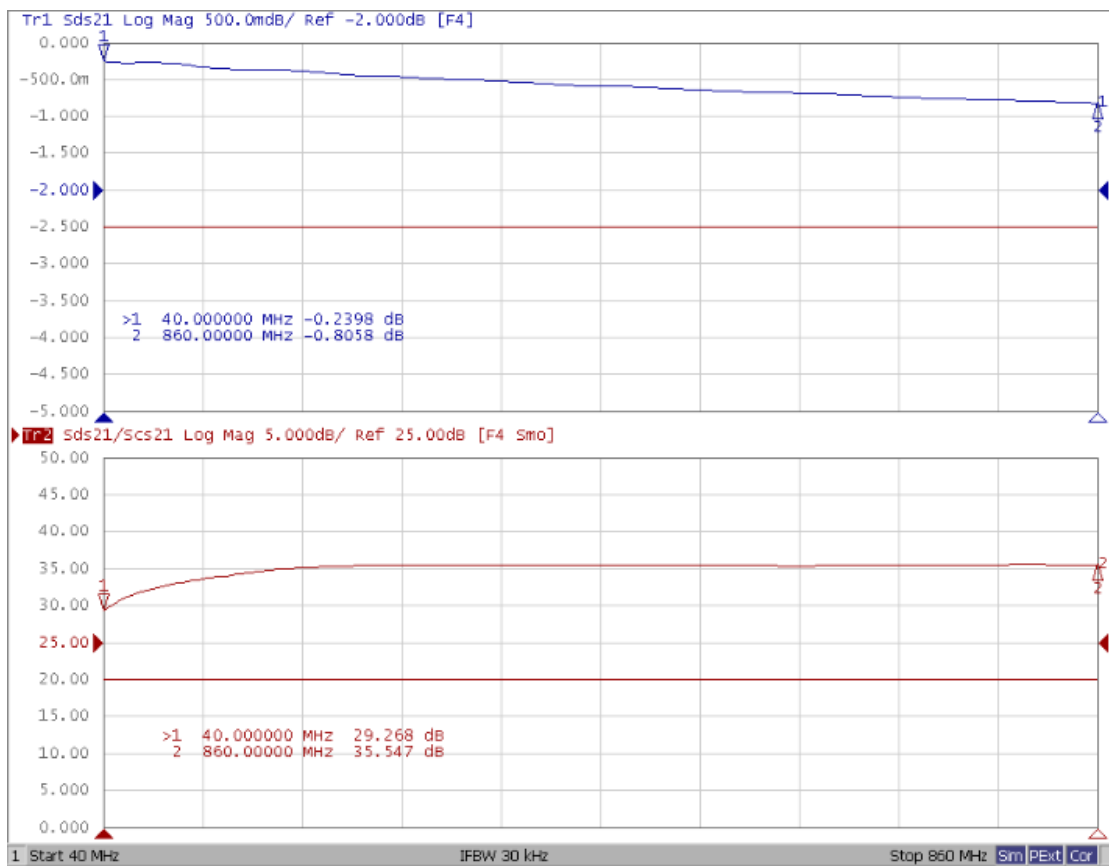
TAI-TECH Part Number	UB/B Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Power (dBm) max.	Rated Volt. (DCV) max.	Withstand Volt. (DCV) max.	IR ($M\Omega$) min.	Insertion Loss (dB)max	CMRR (dB)
BCM2012F2SV-75011-MT2	75/75	50~1200	0.77	27	20	50	10	50~870MHz:1.0 870~1200MHz:1.2.	20(min.)
BCM2012F2SV-75011-SA2	75/75	45~870	0.88	27	20	50	10	1.0	20(min.)
BCM2012F2SV-75011-SB2	75/75	50~1200	0.70	27	20	50	10	1.2	20(min.)
BCM2012F2SV-75011-122	75/75	1000~1500	0.59	27	20	50	10	1.4	20(min.)

Insertion Loss & CMRR

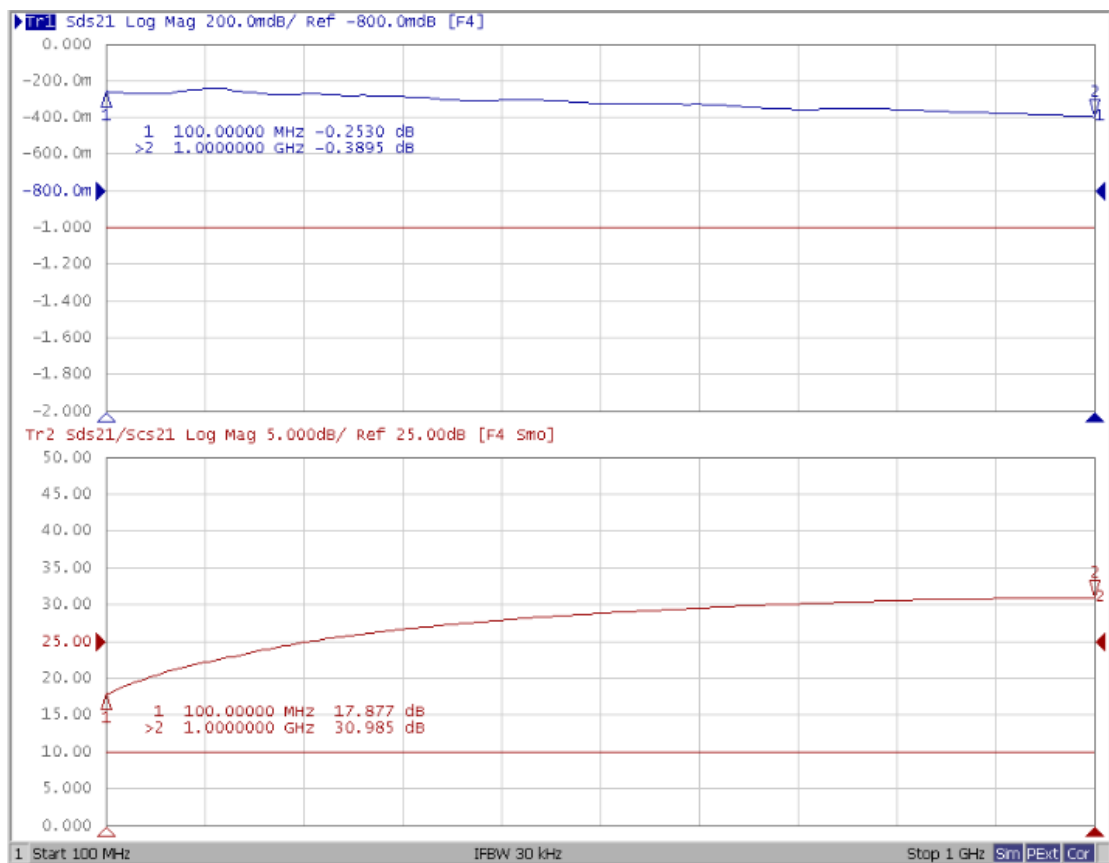
BCM2012F2SV-50011-TE2



BCM2012F2SV-50011-T02



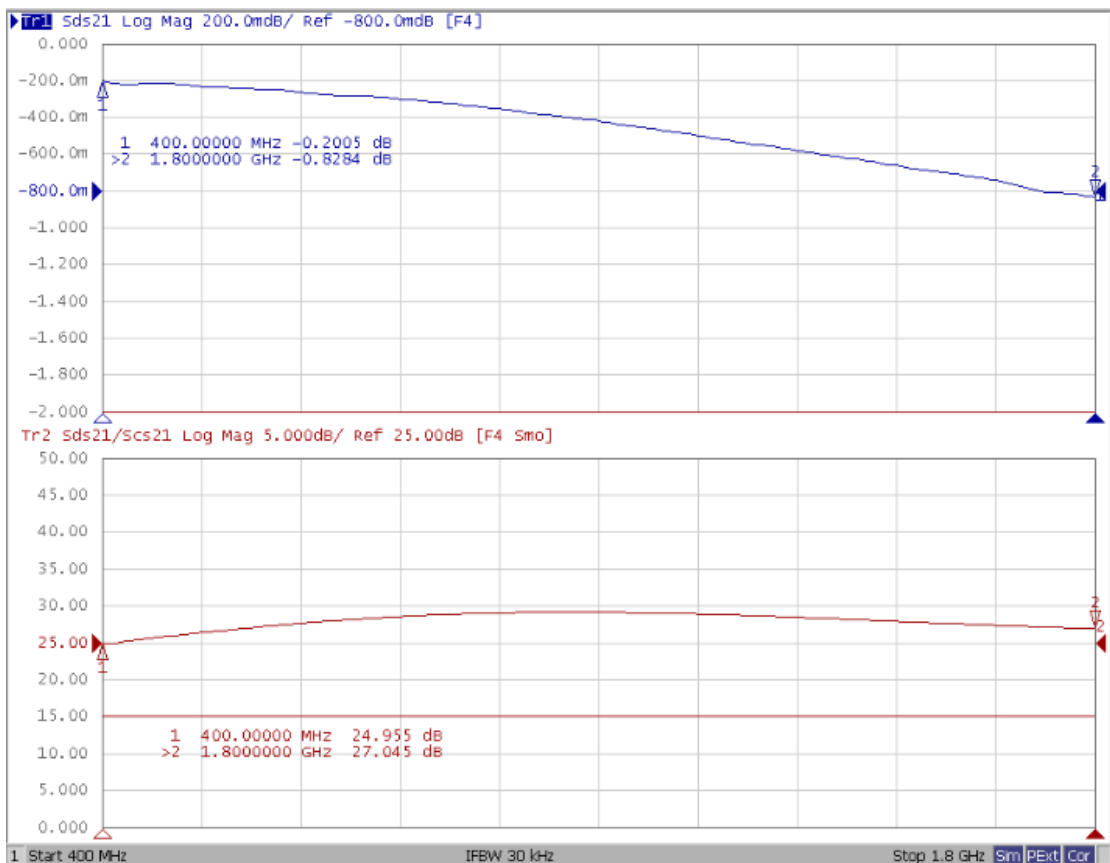
BCM2012F2SV-50011-MN2



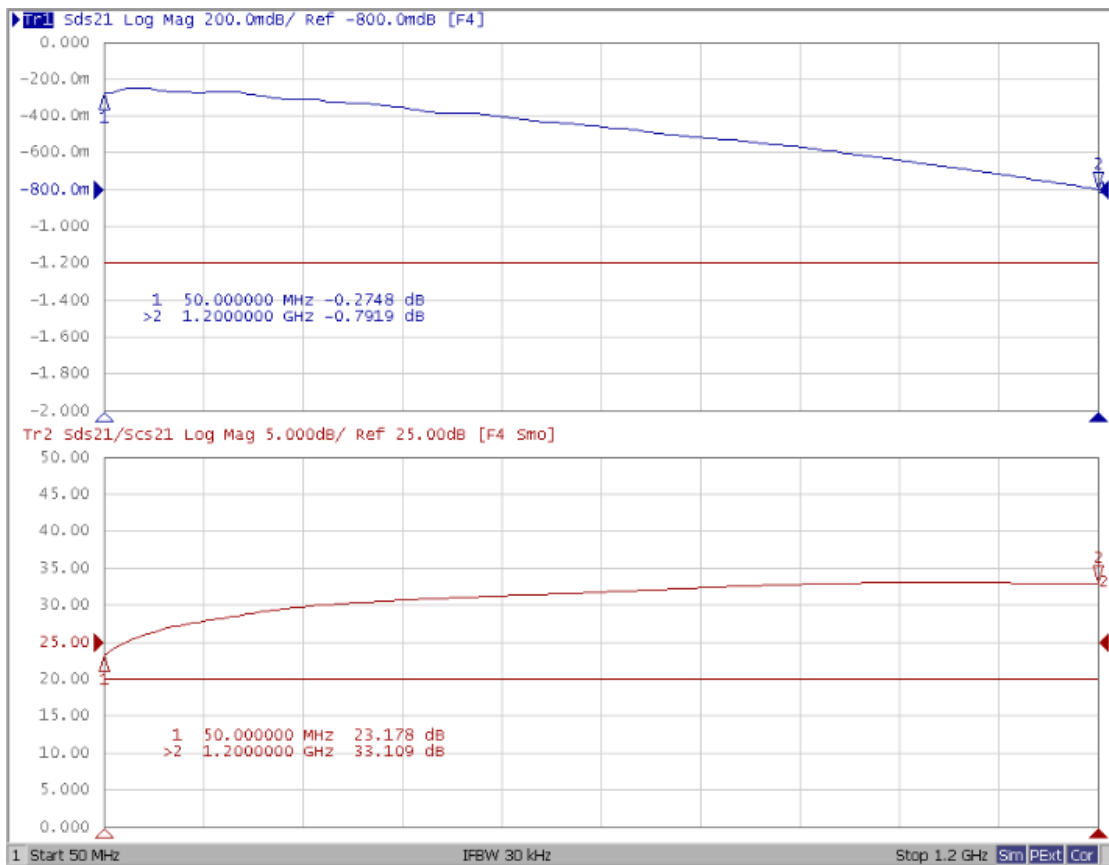
BCM2012F2SV-50011-ST2



BCM2012F2SV-75011-TE2



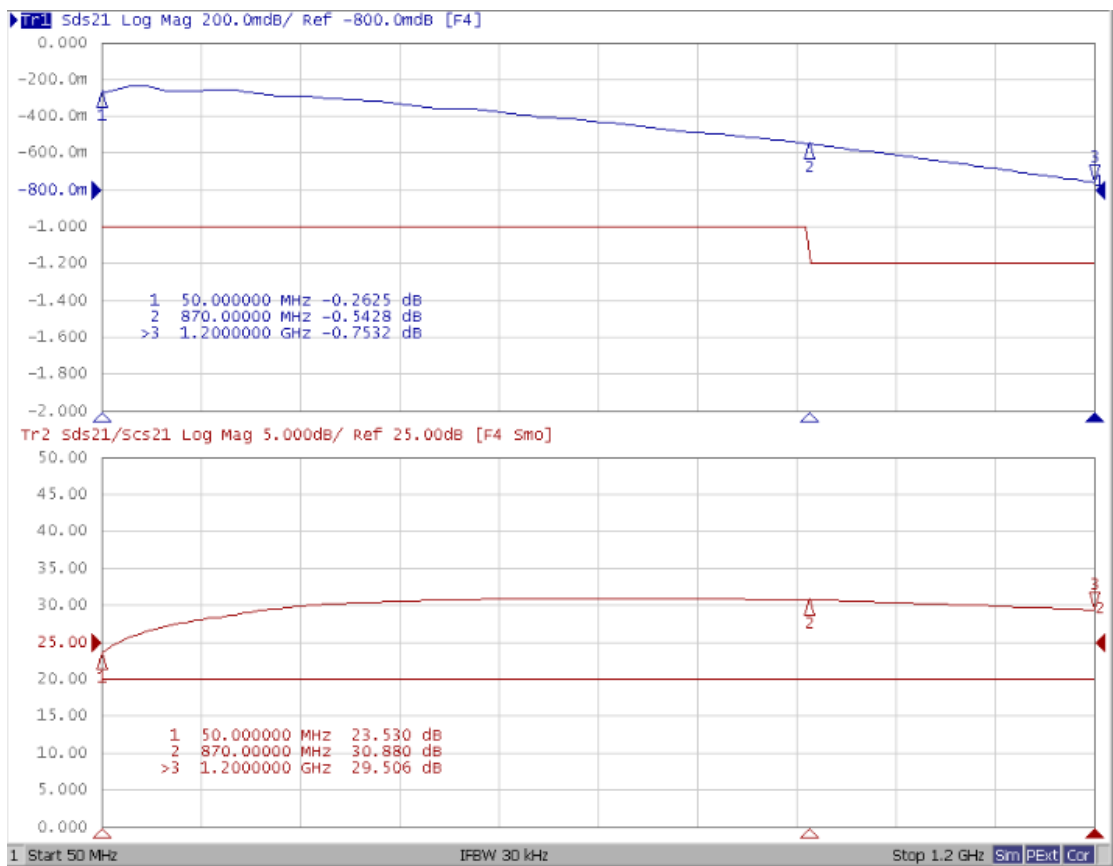
BCM2012F2SV-75011-T02



BCM2012F2SV-75011-MS2



BCM2012F2SV-75011-MT2



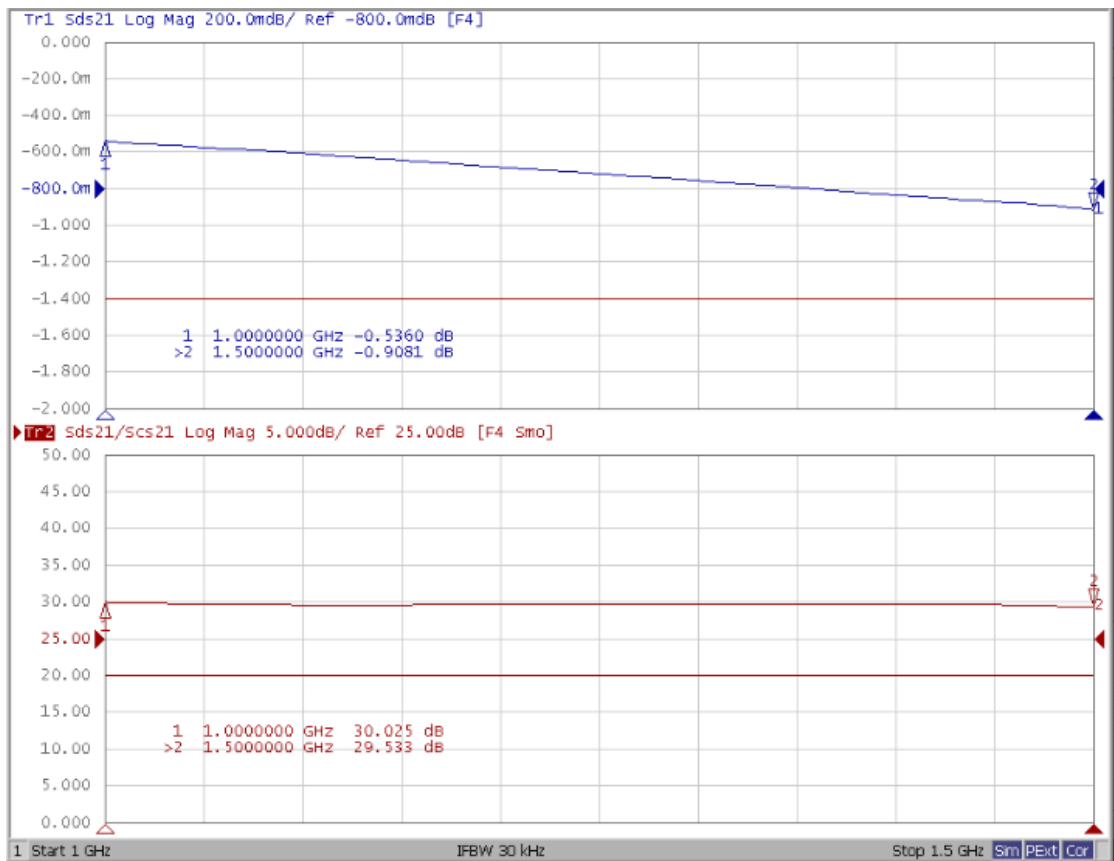
BCM2012F2SV-75011-SA2



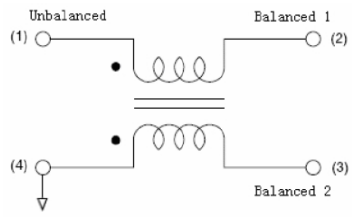
BCM2012F2SV-75011-SB2



BCM2012F2SV-75011-122



5. Schematic Diagram



单击下面可查看定价，库存，交付和生命周期等信息

[>>TAI-TECH\(台庆\)](#)