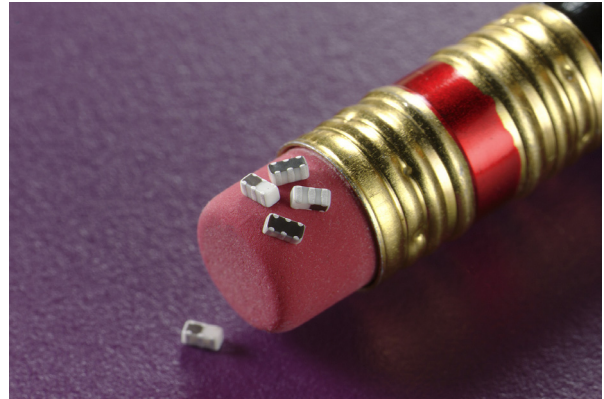


### DESCRIPTION

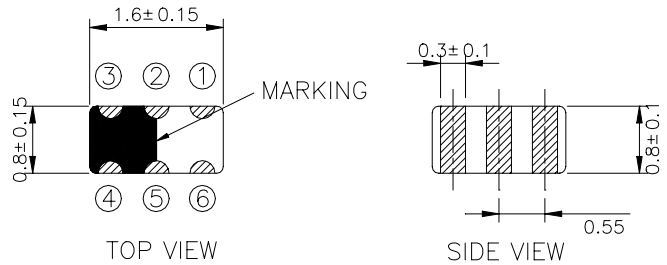
TOKO's CHM1608U Series is a multilayer ceramic balun transformer designed for a variety of wireless applications. TOKO's proprietary material and filter design expertise provide for excellent performance and exceptional reliability in this economical and compact integrated ceramic structure.



### FEATURES

- Miniature footprint: 1.6 x 0.8mm
- Low profile: 0.9 mm max.
- Integrated ceramic structure
- Operating temperature: - 55°C to + 125°C
- Reflow solderable

### DIMENSIONS



Units: mm

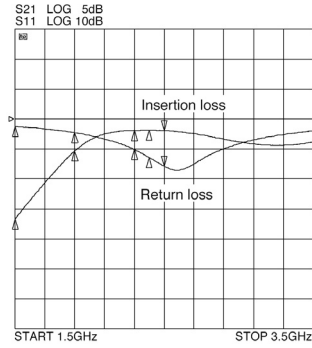
3	NC	2	DC Bias or GND	1	Balanced Port
4	Unbalanced Port	5	GND	6	Balanced Port

### ELECTRICAL SPECIFICATIONS

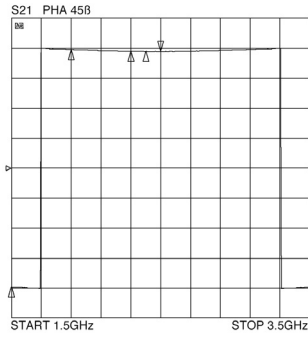
TOKO Part Number	Passband (MHz)	Unbalanced Port Impedance ( $\Omega$ )	Balanced Port Impedance ( $\Omega$ )	Insertion Loss (dB) max.	Return Loss (dB) min.	Phase Imbalance (deg.)	Amplitude Balance (deg.)
CHM1608U-F2R4AD	2400 - 2500	50	50	1.1	10	180 $\pm$ 8	0 $\pm$ 1.5
CHM1608U-F2R4BD	2400 - 2500	50	100	1.2	10	180 $\pm$ 8	0 $\pm$ 1.5
CHM1608U-F2R4CD	2400 - 2500	50	200	1.2	10	180 $\pm$ 8	0 $\pm$ 1.5

### CHM1608U-F2R4AD

**Insertion Loss and Return Loss**

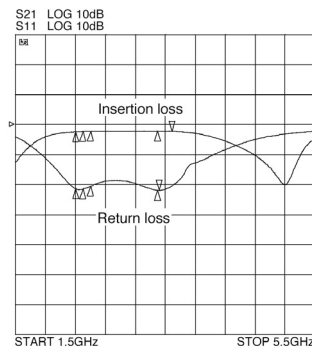


**Phase**

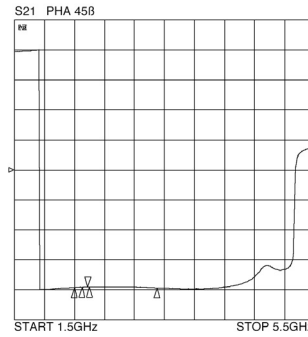


### CHM1608U-F2R4BD

**Insertion Loss and Return Loss**

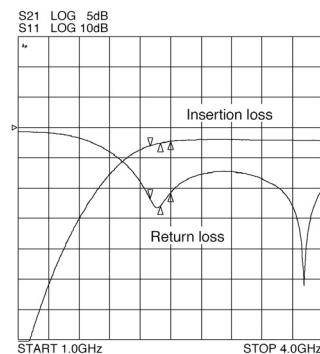


**Phase**

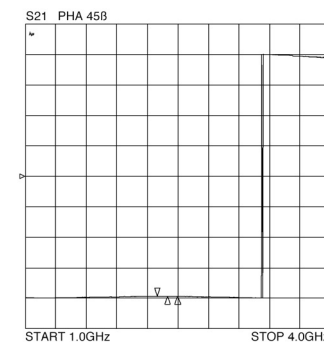


### CHM1608U-F2R4CD

**Insertion Loss and Return Loss**



**Phase**



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