

DESCRIPTION

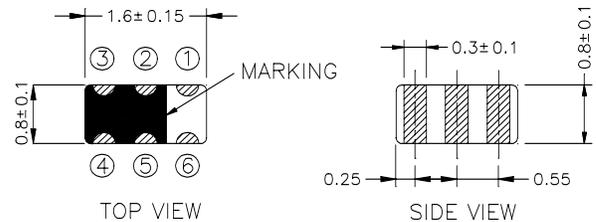
TOKO's CHM1608U Series is a multilayer ceramic balun transformer designed for a variety of wireless applications. TOKO's proprietary material and filter design expertise provide for excellent performance and exceptional reliability in this economical and compact integrated ceramic structure.



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

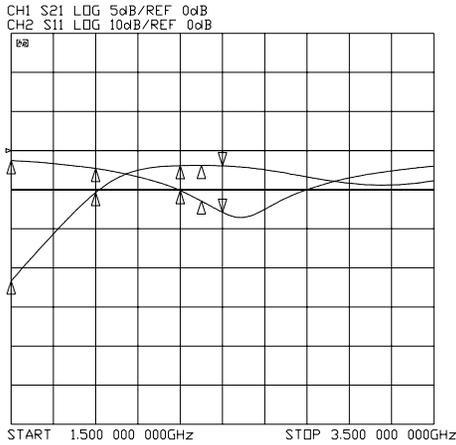
ELECTRICAL SPECIFICATIONS

TOKO Part Number	Passband (MHz)	Unbalanced Port Impedance (Ω)	Balanced Port Impedance (Ω)	Insertion Loss (dB) max.	Return Loss (dB) min.	Phase Imbalance (deg.)
CHM1608U-F2R4A	2400 - 2500	50	50	1.4	9	180 \pm 10
CHM1608U-F2R4B	2400 - 2500	50	100	1.4	9	180 \pm 10
CHM1608U-F2R4C	2400 - 2500	50	200	1.4	9	180 \pm 10

TYPICAL CHARACTERISTICS

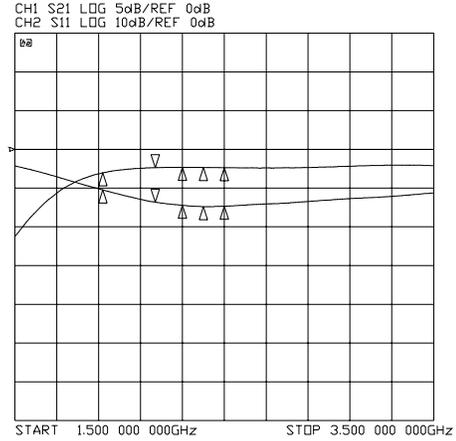
CHM1608U-F2R4A

Attenuation and Return Loss



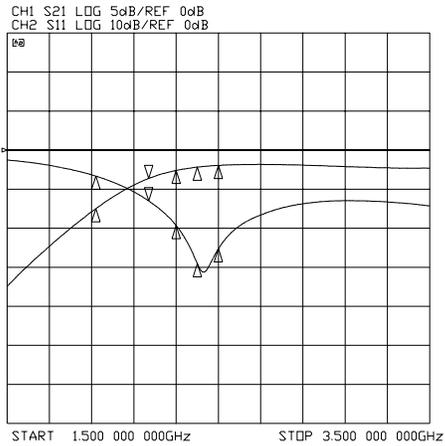
CHM1608U-F2R4B

Attenuation and Return Loss



CHM1608U-F2R4C

Attenuation and Return Loss



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