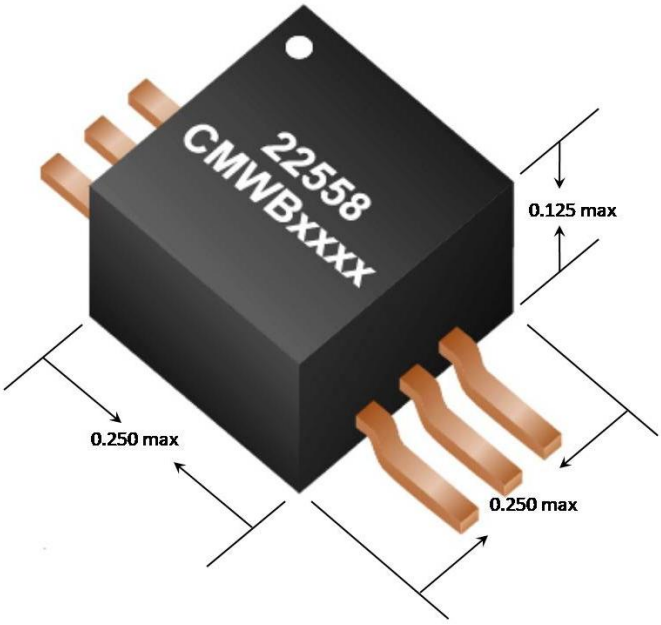
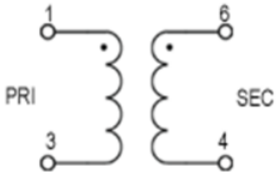
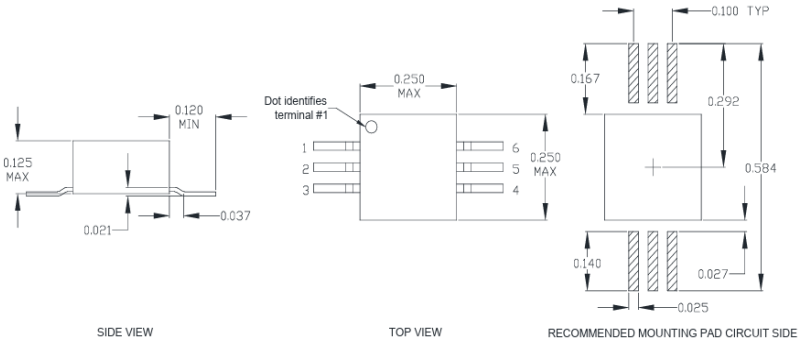
Wideband Transformers – CMWB1000 Series







SPECIFICATIONS

- **Frequency Response**: 500 kHz to 350 MHz
- **Power Rating**: 250 mW
- **Operating Temperature:** -55°C to +125°C
- **Storage Temperature:** -60°C to +130°C
- **Standard Termination Finish:** Tin-lead
- **Weight:** 1.25 gram, maximum

FEATURES

- Transfer Molded Package
- Marking: Laser or Ink
- Leadless device for minimum footprint
- Internal Welded Terminations
- Low EMI Radiation
- Low Thermal Expansion permits mounting on most substrate materials
- Available for Military Application per MIL-PRF-27 (see MWB Series)
- Available for Space Application per MIL-STD-981 (see SMWB Series)

APPLICATIONS

Designed for optimal performance in commercial applications, these inductors ensure consistent electrical behavior, maintaining signal integrity and reducing interference

Suitable for telecommunications, consumer electronics, and industrial automation, they offer both reliability and precision. Robust construction ensures longevity, positioning these inductors as a preferred choice for diverse commercial endeavors

PART IDENTIFYING NUMBER

CMWB001

Coast/ACM Part Number

K: Inductance Tolerance

M: ±20% K: ±10% J: ±5%

Wideband Transformers – CMWB1000 Series

Part Number	Impedance Ratio Pri : Sec	Max Insertion Loss @50 MHz (dB)	Max VSWR @50 MHz	Min Bandwidth (MHz)	
				0.5 db (Ripple)	3 dB Points
CMWB1000 Series					
CMWB1010	1 : 1	0.9	1.35	7.0 - 100	1.2 - 350
CMWB1015	1 : 1.5	1.7	1.65	8.0 - 70	4.0 - 170
CMWB1020	1 : 2	1.3	1.40	3.0 - 85	0.9 - 200
CMWB1040	1 : 4	1.1	1.25	4.0 - 130	1.0 - 250
CMWB1016	1 :16	1.5*	1.95*	12 - 25	2.5 - 110
*Measured at 15 MHz					