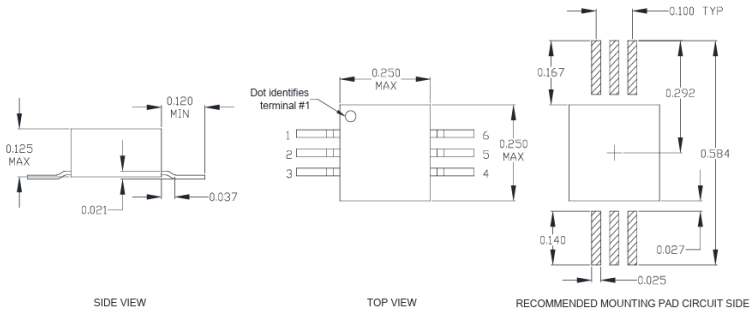
Wideband Transformers – CMWB Series

ISO 9001:2015 CERTIFIED AS9100D CERTIFIED ITAR REGISTERED





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

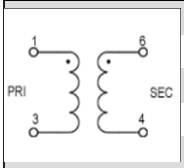
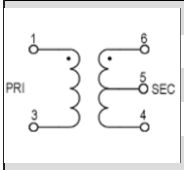
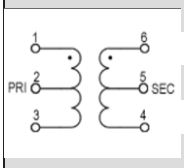
CMWB001

Coast/ACM Part Number

K: Inductance Tolerance

M: ±20% K: ±10% J: ±5%

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Configuration	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
CMWB2000 Series						
	CMWB2010	1 : 1	0.7	1.30	5.0 - 130	1.0 - 390
	CMWB2015	1 : 1.5	1.5	1.60	6.0 - 90	3.0 - 200
	CMWB2020	1 : 2	1.1	1.35	2.0 - 100	0.5 - 230
	CMWB2040	1 : 4	0.9	1.20	2.0 - 150	0.8 - 300
	CMWB2016	1 : 16	1.2*	1.70*	12 - 35	2.0 - 140
CMWB3000 Series						
	CMWB3010	1 : 1	0.7	1.30	5.0 - 130	1.0 - 390
	CMWB3015	1 : 1.5	1.5	1.60	6.0 - 90	3.0 - 200
	CMWB3020	1 : 2	1.1	1.35	2.0 - 100	0.5 - 230
	CMWB3040	1 : 4	0.9	1.20	2.0 - 150	0.8 - 300
	CMWB3016	1 : 16	1.2*	1.70*	12 - 35	2.0 - 140
*Measured at 15 MHz						