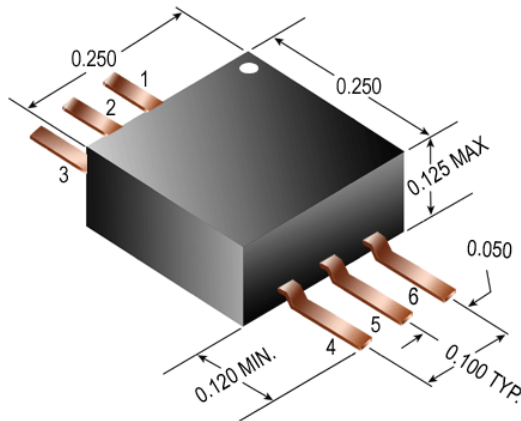
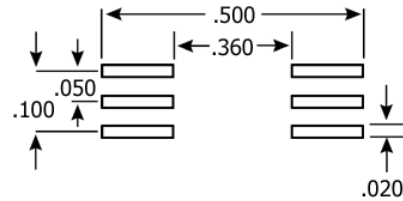


# CMWB Series

## Wideband RF Transformer



Footprint



### FEATURES

- Leadless device for minimum footprint
- Low EMI Radiation
- Low Thermal Expansion permits mounting on most substrate materials

### SPECIFICATIONS

- Frequency Response: 500 kHz to 350 MHz
- Power Rating: 250 mW
- Operating Temperature Range: -55°C to 125°C
- Dielectric Withstanding Voltage: 300 VAC
- Welded Connections, Transfer Molded Package

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
<b>CMWB1000 Series</b>						
	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
<b>CMWB2000 Series</b>						
	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
<b>CMWB3000 Series</b>						
	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						



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