

CBF-11A-1250 SQ DIRECTIONAL COUPLERS

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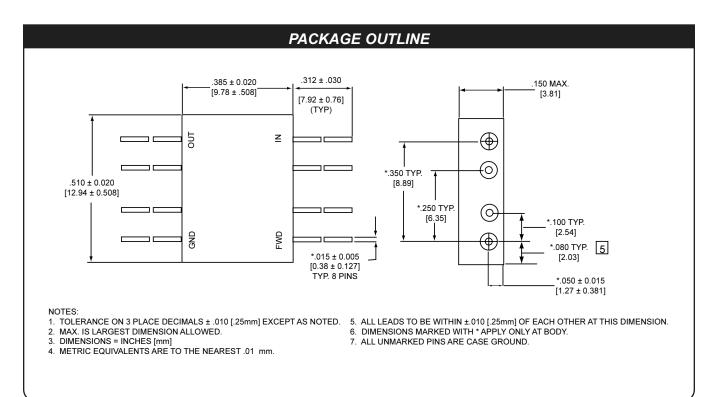
- SPACE QUALIFIED
- 100 2000 MHz DIRECTIONAL COUPLER
- INTERNALLY TERMINATED REVERSE PORT



TECHNICAL DESCRIPTION / APPLICATION

The CBF-11A-1250 SQ Directional Coupler covers 100 - 2000 MHz with a special lumped element design to reduce size, while maintaining high performance. Parts, materials and processes are in accordance with Merrimac document CENG-0001, "Standard Design Requirements for Space Qualified Devices".

GENERAL SPECIFICATIONS					
MODEL NUMBER	FREQUENCY RANGE	COUPLING	INSERTION LOSS dB	DIRECTIVITY dB	VSWR
	MHz	dB	MAX.	MIN.	MAX.
CBF-11A-1250 SQ	100 - 2000	10.5 ± 1	1.5	18	1.7:1
FREQUENCY SENSITIVITY dB MAX.		CW POWER RATING MAIN LINE MAX.		WEIGHT MAX.	
± 0.5		1 WATT		2.8 g	



RIES 05