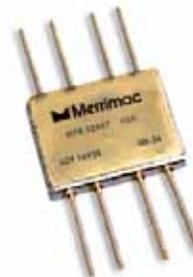


DIRECTIONAL COUPLER - CRF-20A-250 SQ

TECHNICAL FEATURE

FEATURES

- Space Qualified
- 5 - 500 MHz
- Forward and Reverse Coupling



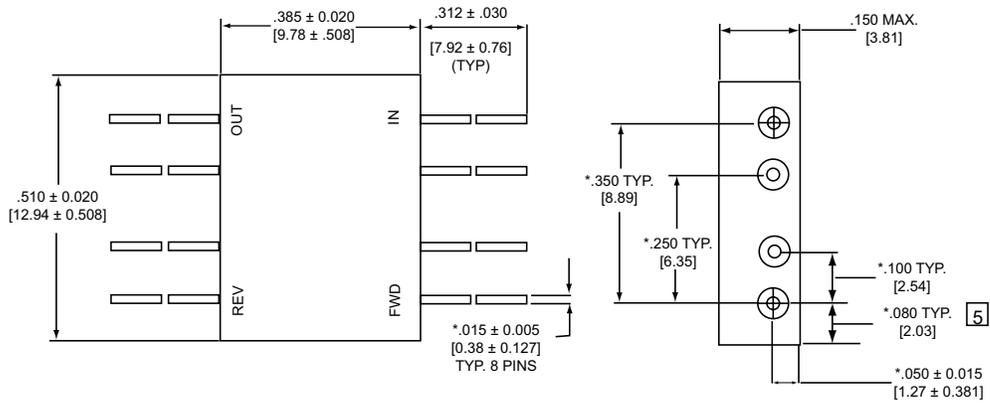
PERFORMANCE

Frequency Range	5 - 500 MHz
Coupling	20 ± 1 dB
Insertion Loss	1.0 dB max.
Directivity	18 dB min.
VSWR	1.5:1 max.
Frequency Sensitivity	±0.75 dB max.
CW Power Rating Main Line	1 W max.

DESCRIPTION

The CRF-20A-250 SQ Directional Coupler covers 5 - 500 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".

PACKAGE OUTLINE



- NOTES:
1. TOLERANCE ON 3 PLACE DECIMALS ± .010 [.25mm] EXCEPT AS NOTED.
 2. MAX. IS LARGEST DIMENSION ALLOWED.
 3. DIMENSIONS = INCHES [mm]
 4. METRIC EQUIVALENTS ARE TO THE NEAREST .01 mm.
 5. ALL LEADS TO BE WITHIN ±.010 [.25mm] OF EACH OTHER AT THIS DIMENSION.
 6. DIMENSIONS MARKED WITH * APPLY ONLY AT BODY.
 7. ALL UNMARKED PINS ARE CASE GROUND.

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