

DIRECTIONAL COUPLER - CWM-10-8G SQ

TECHNICAL FEATURE

FEATURES

- Space Qualified
- 4 - 12 GHz



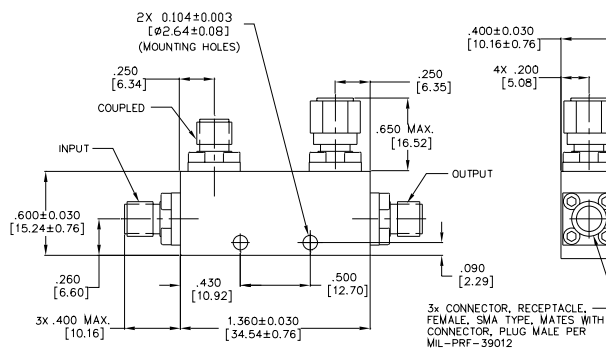
PERFORMANCE

Frequency Range.....	4 - 12 GHz
Coupling	10 ± 1.0 dB
Insertion Loss	0.60 dB max.
Directivity.....	15 dB min.
VSWR.....	1.35:1 main max.
.....	1.35:1 coupled max.
Frequency Sensitivity	±0.50 dB max.
CW Power Rating Main Line.....	10 W

DESCRIPTION

The CWM-10-8G SQ Directional Coupler covers 4 - 12 GHz with a stripline design. This offers low transmission and excellent VSWR. This unit has been designed, manufactured and qualified per Merrimac document CENG-0001, "Standard Design Requirements for Space Qualified Devices".

PACKAGE OUTLINE



- NOTES:
1. TOLERANCE ON 3 PLACE DECIMALS ±.020 [.51mm] EXCEPT AS NOTED.
 2. MAX. IS LARGEST DIMENSION ALLOWED.
 3. DIMENSIONS=INCHES [mm]
 4. METRIC EQUIVALENTS ARE TO THE NEAREST .01mm.
 5. WEIGHT: .98 OZ. [28g] MAX.

