

DIRECTIONAL COUPLER - CTM-10-12G SQ

TECHNICAL FEATURE

FEATURES

- Space Qualified
- 6.0 - 18.0 GHz



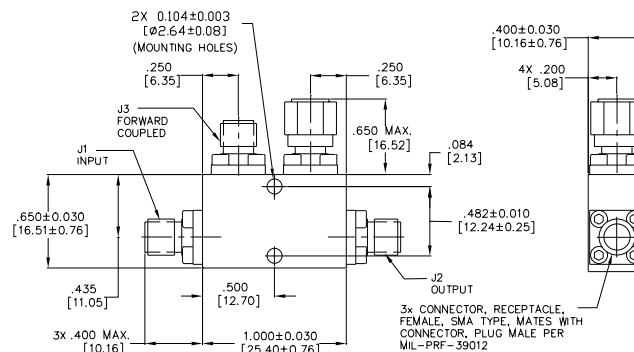
PERFORMANCE

Frequency Range	6.0 - 18.0 GHz
Coupling	10 ± 1.25 dB
Insertion Loss	0.9 dB max.
Directivity	14 dB min.
VSWR	1.45:1 main max.
.....	1.45:1 coupled max.
Frequency Sensitivity	± 1.0 dB max.
CW Power Rating Main Line	10 W

DESCRIPTION

The CTM-10-12G SQ Directional Coupler covers 6 - 18 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 ± 0.020 [.51mm] EXCEPT AS NOTED.
 2. MAX. IS LARGEST DIMENSION ALLOWED.
 3. DIMENSIONS=INCHES [mm]
 4. METRIC EQUIVALENTS ARE TO THE NEAREST .01mm.
 5. WEIGHT: .88 OZ. [25g] MAX.