

DIRECTIONAL COUPLER - CWM-20-9.5G SQ

TECHNICAL FEATURE

FEATURES

- Space Qualified
- 1 - 18 GHz

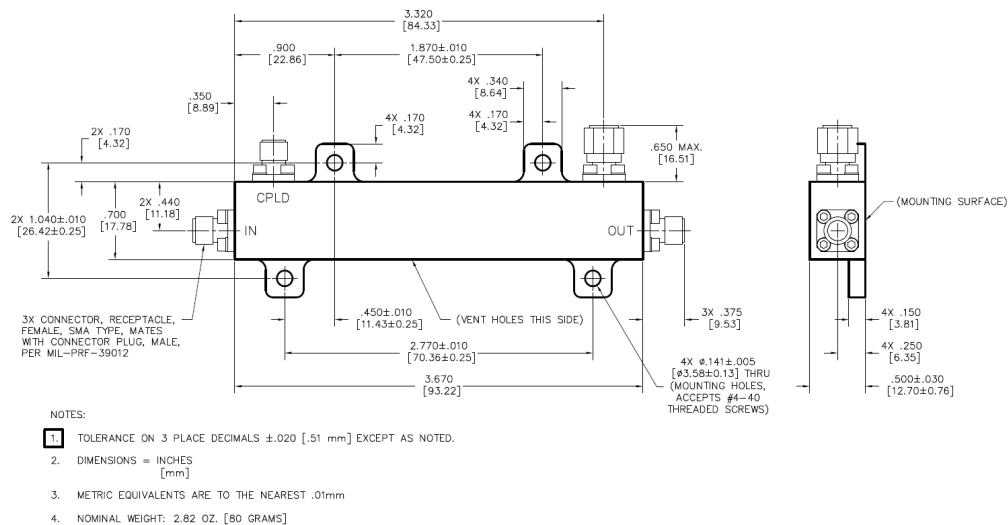
PERFORMANCE

Frequency Range	1 - 18 GHz
Coupling	20 ± 1.0 dB
Insertion Loss	1.0 dB max. (1-16 GHz)
.....	1.1 dB max. (16-18 GHz)
Directivity	15 dB min. (1- 12.4 GHz)
.....	12 dB min. (12.4 - 18 GHz)
VSWR.....	1.35:1 main max.
.....	1.40:1 coupled max.
Frequency Sensitivity	±0.5 dB nom.
.....	±0.80 dB max.
CW Power Rating Main Line.....	25 W

DESCRIPTION

The CWM-20-9.5G SQ Directional Coupler covers 1-18 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



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CWM-20-9.5G SQ - Rev. XXXX



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