



TECHNICAL FEATURE

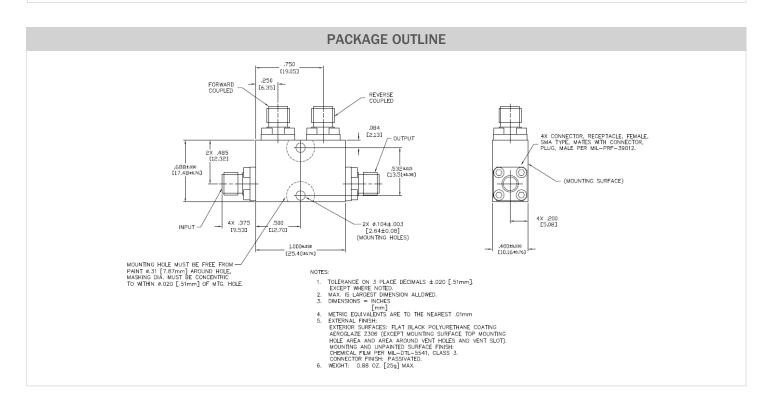
FEATURES

- Space Qualified
- 10.70 14.80 GHz

| | PRINCIPAL SPECIFICATIONS | | | | | | | | | |
|------------------|---------------------------|-------------------------------------|----------------|-------------------------------|---------------------------|----------------------|------------------------|---------------------------------|----------------|--|
| Model Number | Frequency Range GHz | Frequency Sensitivity dB Max. | Coupling dB | Insertion Loss, dB Max. | Directivity dB Min. | VSWR Main Max. | VSWR Coupled Max | CW Power Rating Main Line | Weight Max. | |
| CSM-30-12.75G SQ | 10.70 - 14.80 | +/-0.75 | 30 +/- 1.2 | 0.50 | 15 | 1.22:1 | 1.30:1 | 10 Watts | 25 g. | |

TECHNICAL DESCRIPTION / APPLICATION

The CSM-30-12.75G SQ directional coupler covers 10.70 - 14.80 GHz with a stripline design. This offers low transmission loss and excellent VSWR. This unit has been designed, manufactured and qualified per Merrimac document CENG-0001, "Standard Design Requirements for Space Qualified Devices."



Microwave Solutions

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DS_Directional Coupler_CSM301275GSQ_030624.indd. This revision supersedes all previous releases. All technical information is believed to be accurate, but no responsibility is assumed for errors. We reserve the right to make changes in products or specifications without notice. Copyright © 2021 Crane Electronics, Inc. All rights reserved.