

## DIRECTIONAL COUPLER CSM-11-2G SQ



## **TECHNICAL FEATURE**

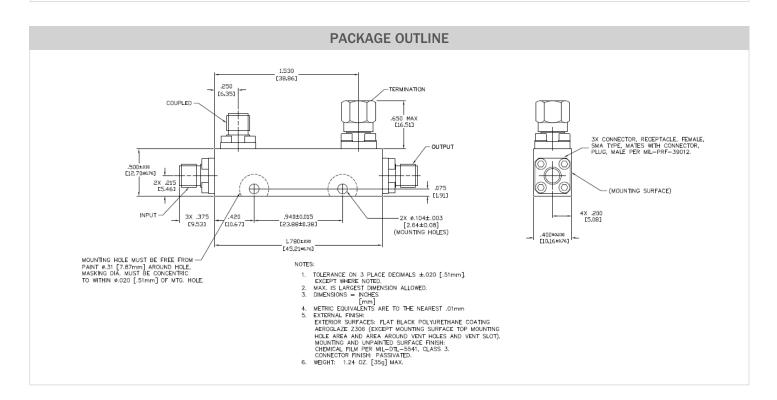
## **FEATURES**

- Space Qualified
- 1.5 2.5 GHz

| Model<br>Number | Frequency<br>Range<br>GHz | Frequency<br>Sensitivity<br>dB Max. | Coupling<br>dB | Insertion<br>Loss, dB<br>Max. | Directivity<br>dB<br>Min. | VSWR<br>Main<br>Max. | VSWR<br>Coupled<br>Max | CW Power<br>Rating Main<br>Line | Weight<br>Max. |
|-----------------|---------------------------|-------------------------------------|----------------|-------------------------------|---------------------------|----------------------|------------------------|---------------------------------|----------------|
| CSM-11-2G SQ    | 1.5 - 2.5                 | ± 0.8                               | 11 +/- 1.0     | 0.35                          | 23                        | 1.15:1               | 1.15:1                 | 5 Watts                         | 35g.           |

## **TECHNICAL DESCRIPTION / APPLICATION**

The CSM-11-2G SQ directional coupler covers 1.5 - 2.5 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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