

## **DUAL DIRECTIONAL COUPLER**

CDM-30-.435G SQ



## **TECHNICAL FEATURE**

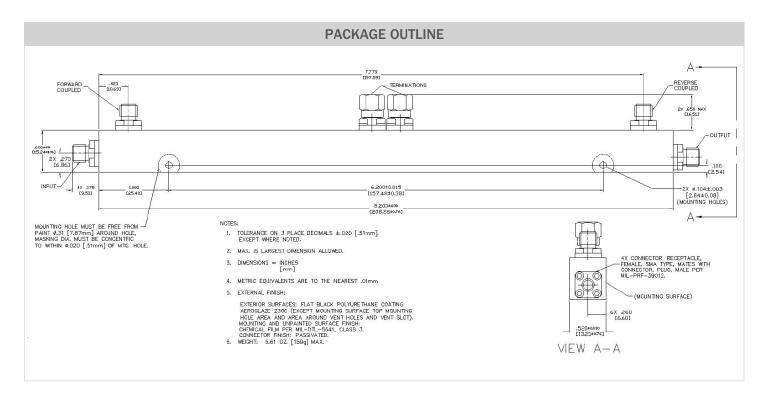
## **FEATURES**

- Space Qualified
- 0.4 0.47 GHz
- Forward and Reverse Coupling

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.
CDM-30435G SQ	0.4 - 0.47	± 0.8	30 +/- 1.0	0.25	20	1.15:1	1.15:1	5 Watts	159g.

## **TECHNICAL DESCRIPTION / APPLICATION**

The CDM-30-.435G SQ dual directional coupler covers 0.4 - 0.470 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."



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