



## **TECHNICAL FEATURE**

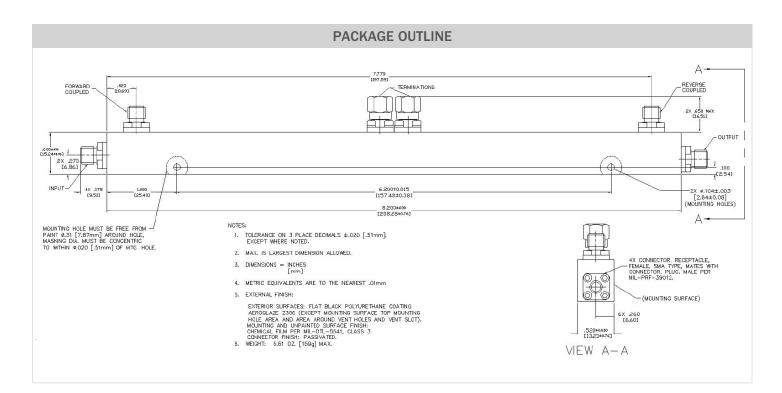
## **FEATURES**

- Space Qualified .
- 0.39 0.61 GHz
- Forward and Reverse Coupling

FRINCIPAL 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-305G SQ	0.39 - 0.61	± 0.8	30 +/- 1.25	0.25	18	1.22:1	1.22:1	5.0 Watts	159g.	

## **TECHNICAL DESCRIPTION / APPLICATION**

The CDM-30-.5G SQ dual directional coupler covers 0.39 - 0.61 GHz with a stripline design. This offers low transmission loss and excellent VSWR. This unit has been designed, manufactured and gualified per Merrimac document CENG-0001, "Standard Design Requirements for Space Qualified Devices."



**Microwave Solutions** 

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DS\_Directional Coupler\_CDM-30-.5GSQ\_032624.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.

## DDINCIDAL SPECIFICATIONS