



## **TECHNICAL FEATURE**

## **FEATURES**

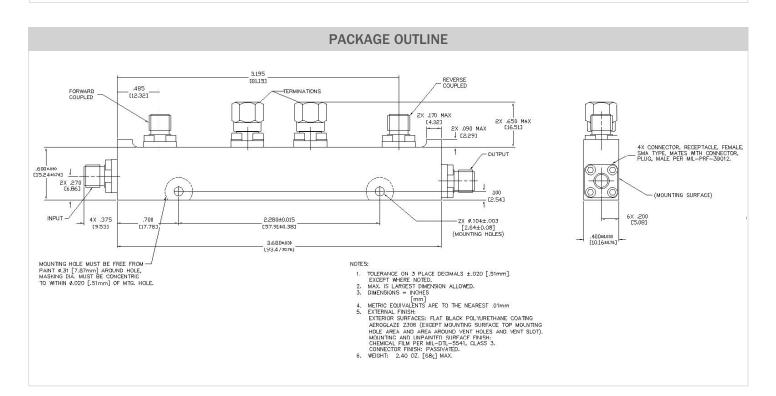
- Space Qualified .
- 1.5 2.3 GHz
- Forward and Reverse Coupling

		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-30-1.9G SQ	1.5 - 2.3	± 0.8	30 +/- 1.0	0.25	20	1.15:1	1.15:1	20 Watts	68g.	

DDINCIDAL SDECIEICATIONS

## **TECHNICAL DESCRIPTION / APPLICATION**

The CDM-30-1.9G SQ dual directional coupler covers 1.5 - 2.3 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** 

Merrimac Industries 41 Fairfield Place, West Caldwell, NJ 07006

+ 1 973-575-1300, 191309 info@craneae.com www.craneae.com

Page 1 of 1 CDM-30-1.9G SQ Rev. -, 03/26/2024

DS\_Dual Directional Coupler\_CDM-30-1.9GSQ\_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.