



TECHNICAL FEATURE

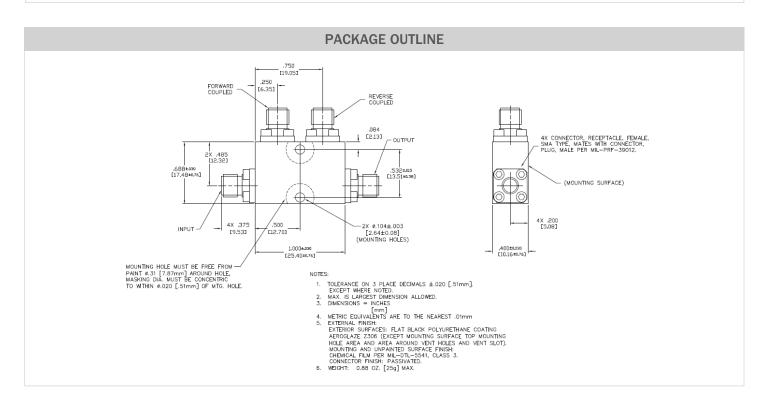
FEATURES

- Space Qualified
- 13.99 14.51 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-30-14.25G SQ	13.99 - 14.51	+/-0.75	30 +/- 1.2	0.40	19	1.22:1	1.22:1	10 Watts	25 g.

TECHNICAL DESCRIPTION / APPLICATION

The CSM-30-14.25G SQ directional coupler covers 13.99 - 14.51 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 CSM-30-14.25G SQ Rev. -, 03/06/2024

DS_Directional Coupler_CSM301425GSQ_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.