

## 90° POWER DIVIDER/COMBINER QHM-2-11.8G SQ



## **TECHNICAL FEATURE**

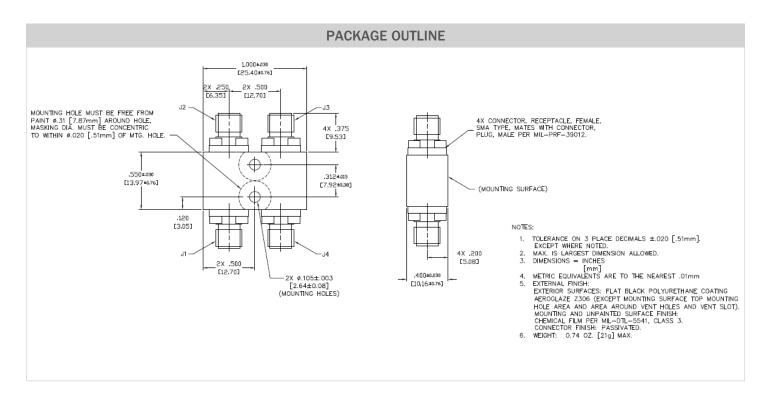
## **FEATURES**

- Space Qualified
- 10.7 12.9 GHz
- SMA Connector

PRINCIPAL SPECIFICATIONS									
Model Number	Frequency Range GHz	Isolation dB Min.	Insertion Loss, dB Max.	Amplitude Balance dB Max.	VSWR Max.	Phase Balance dB Max.	CW Input Power	Weight Max.	Operating Temperature
QHM-2-11.8G SQ	10.7 - 12.9	20	0.7	0.5	1.22:1	90° ± 5°	5 W	21 g.	-55° to +85°C

## **GENERAL NOTES**

The QHM-2-11.8G SQ Quadrature Hybrid Power Divider/Combiner covers 10.7 - 12.9 GHz. It uses a stripline design which provides high isolation and low VSWR. This unit has been designed, manufactured, and tested 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 QHM-2-11.8G SQ Rev. -, 09/27/2027

DS\_Divider Combiner\_QHM2118GSQ\_09272024.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 © 2024 Crane Electronics, Inc. All rights reserved.