

# Microwave Solutions

# TECHNICAL FEATURE

# **FEATURES**

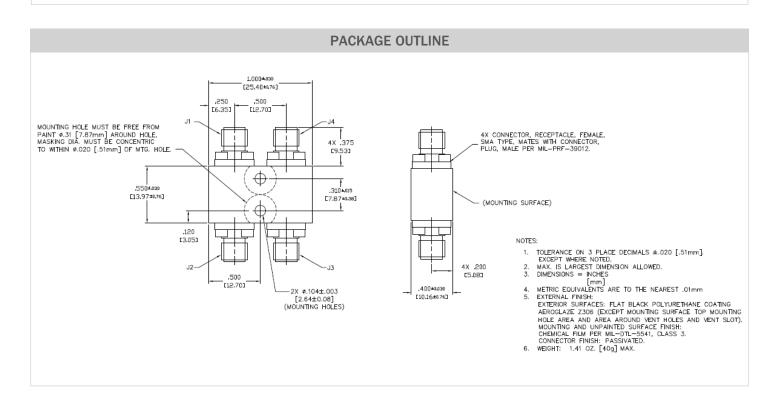
- Space Qualified
- 11.1 12.3 GHz
- SMA Connector

#### PRINCIPAL SPECIFICATIONS

Model	Frequency Range	Isolation dB	Insertion Loss, dB	Amplitude Balance dB	VSWR	Phase Balance dB	CW Input	Weight	Operating
Number	GHz	Min.	Max.	Max.	Max.	Max.	Power	Max.	Temperature
QHM-2-11.7G SQ	11.1 - 12.3	23	0.5	0.3	1.2:1	90°±3°	5 W	40 g.	-55° to +85°C

# **GENERAL NOTES**

The QHM-2-11.7G SQ Quadrature Hybrid Power Divider/Combiner covers 11.1 - 12.23 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."



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DS\_Divider Combiner\_QHM2117GSQ\_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.