

90° Power Divider / Combiner QHM-2-7.7G SQ



TECHNICAL FEATURE

FEATURES

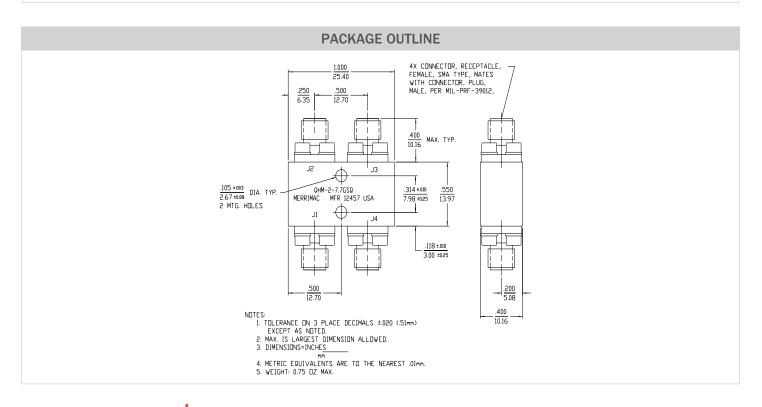
• 6.9 - 8.5 GHz • SMA

Space Qualified

PRINCIPAL SPECIFICATIONS									
Model Number	Frequency Range GHz	Isolation dB Min.	Insertion Loss, dB Max.	Amplitude Balance dB Max.	VSWR Max. In	Phase Balance dB Max.	CW Input Power	Impedance Nom.	Operating Temperature
QHM-2-7.7G SQ	6.9 - 8.5	18	0.5	0.5	1.25:1	90° ± 4°	25 W	50 OHM	-55° to +85°C

GENERAL NOTES

The QHM-2-7.7G SQ Quadrature Hybrid Power Divider/Combiner covers 6.9-8.5 GHz. It uses a wideband 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-2-7.7G SQ Rev. 2, 07/20/2022

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