

## 90° DIVIDERS/ COMBINERS QHM-4R-9.5G SQ



## **TECHNICAL FEATURE**

## **FEATURES**

· Space Qualified

• High Power

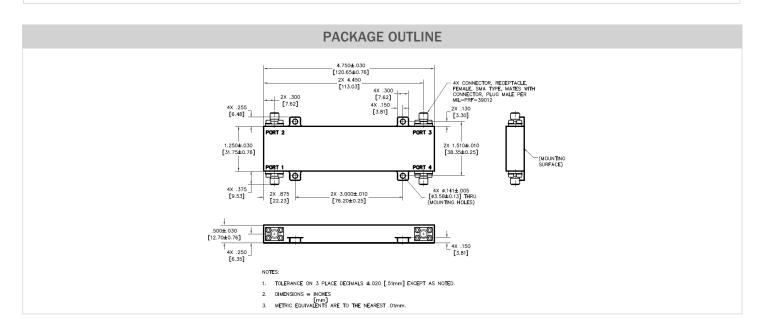
• 1 - 18 GHz

SMA-Connector

PRINCIPAL SPECIFICATIONS										
Model Number	Frequency Range GHz	Isolation dB Min.	Coupling Loss dB, Nom.	Amplitude Balance, P-P dB Max.	Insertion Loss dB Max.	VSWR Max.	Phase Balance	CW Input Power Watt, Max.	Impedance	Operating Temperature
QHM-4R-9.5G SQ 1 - 18.0		13	3.1	2.0	2.7	1.7:1	90°± 12°	2	50 OHM	-55° to +85°C

## **GENERAL NOTES**

The QHM-4R-9.5G SQ Quadrature Hybrid Divider/Combiner covers 1- 18 GHz. It uses a rugged 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

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