

90° POWER DIVIDER/COMBINER

QHM-2-19.25G SQ



## **TECHNICAL FEATURE**

## **FEATURES**

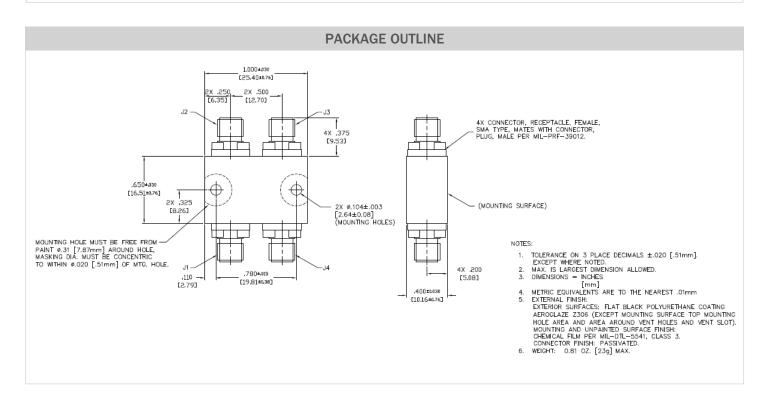
- Space Qualified .
- 18.3 20.2 GHz
- SMA Connector

## **PRINCIPAL SPECIFICATIONS**

Model Number	Frequency Range	lsolation dB Min.	Insertion Loss, dB	Amplitude Balance dB	VSWR Max.	Phase Balance dB	CW Input	Weight	Operating
Number	GHz	win.	Max.	Max.	wax.	Max.	Power	Max.	Temperature
QHM-2-19.25G SQ	18.3 - 20.2	18	0.7	0.5	1.28:1	90°±5°	5 W	23 g.	-55° to +85°C

## **GENERAL NOTES**

The QHM-2-19.25G SQ Quadrature Hybrid Power Divider/Combiner covers 18.3 - 20.2 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** 

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