

90° DIVIDERS/ COMBINERS QHC-2-1.8G SQ



TECHNICAL FEATURE

FEATURES

Space Qualified

• 1.7 - 1.9 GHz

Quad Hybrid, TNC

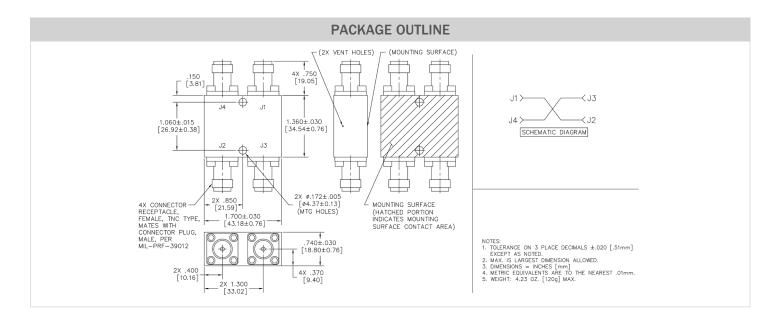
High Power

	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	
QHC-2-1.8G SQ	1.7 - 1.9	22	0.3	0.5	1.20:1	90° ± 2°	25 W*	50 OHM	-55° to +85°C	

^{*} Both inputs with a 1.20:1 load VSWR

GENERAL NOTES

The QHC-2-1.8G SQ Quadrature Hybrid Divider/Combiner covers 1.7 - 1.9 GHz. It uses a rugged stripline design which provides high isolation and low VSWR. This unit has been designed, manufactured and qualified per Merrimac document CENG-0001, "Standard Design Requirements for Space Qualified Devices".



Microwave Solutions

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