

90° DIVIDERS/ COMBINERS QHC-2-2.25G SQ

Microwave Solutions

TECHNICAL FEATURE

FEATURES

- Space Qualified
- High Power

2.1	-	2.4	GHz

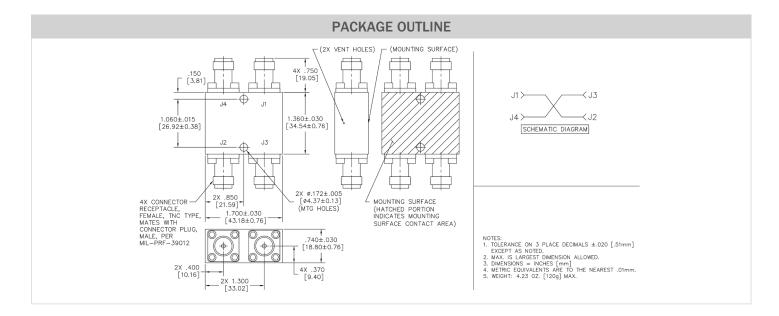
Quad Hybrid, TNC

PRINCIPAL SPECIFICATIONS												
Model Number	Frequency Range GHz	lsolation 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-2-2.25G SQ	2.1 - 2.4	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-2-2.25G SQ Quadrature Hybrid Divider/Combiner covers 2.1 - 2.4 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".



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