

90° Dividers/ Combiners QHK-4R-26.7G SQ

Microwave Solutions

TECHNICAL FEATURE

FEATURES

Space Qualified

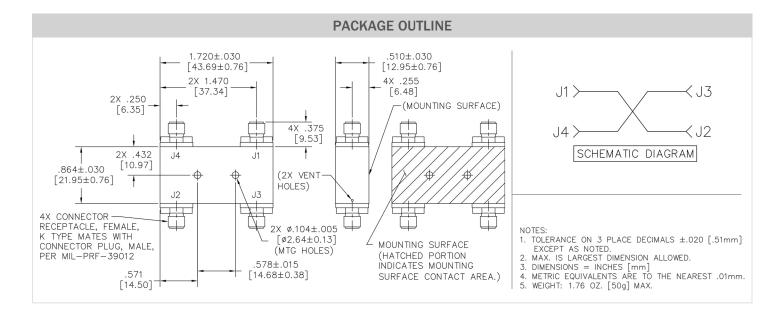
26.2 - 27.2 GHz

K-Connectors

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
QHK-4R-26.7G SQ	26.2 - 27.2	14	1.5	1.5	1.7:1	90°±10°	1 W	50 OHM	-55° to +85°C

GENERAL NOTES

The QHK-4R-26.7G SQ Quadrature Hybrid Divider/Combiner covers 26.2 - 27.2 GHz. The phase relationship is 0° to the port directly opposite and +90° to the port on the diagonal. 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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