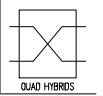


# QHK-4R-G Series    90° POWER DIVIDERS / COMBINERS

6 to 40 GHz / Multi-Octave Bandwidth / Low Insertion Loss / High Isolation / K-Connectors



## PRINCIPAL SPECIFICATIONS

Model Number	Frequency Range, GHz	Isolation, dB, Min.	Amplitude Balance, dB, Max.	Phase Tolerance, Max.	Insertion Loss, dB, Max.	VSWR, All Ports Max.	Weight oz.(g) Nom.
QHK-4R-23G	6 - 40	13	2.0	90° ± 10°	1.6	2.0:1	1.8 (50)
QHK-4R-29G	18 - 40	13	2.0	90° ± 10°	1.6	2.0:1	1.8 (50)

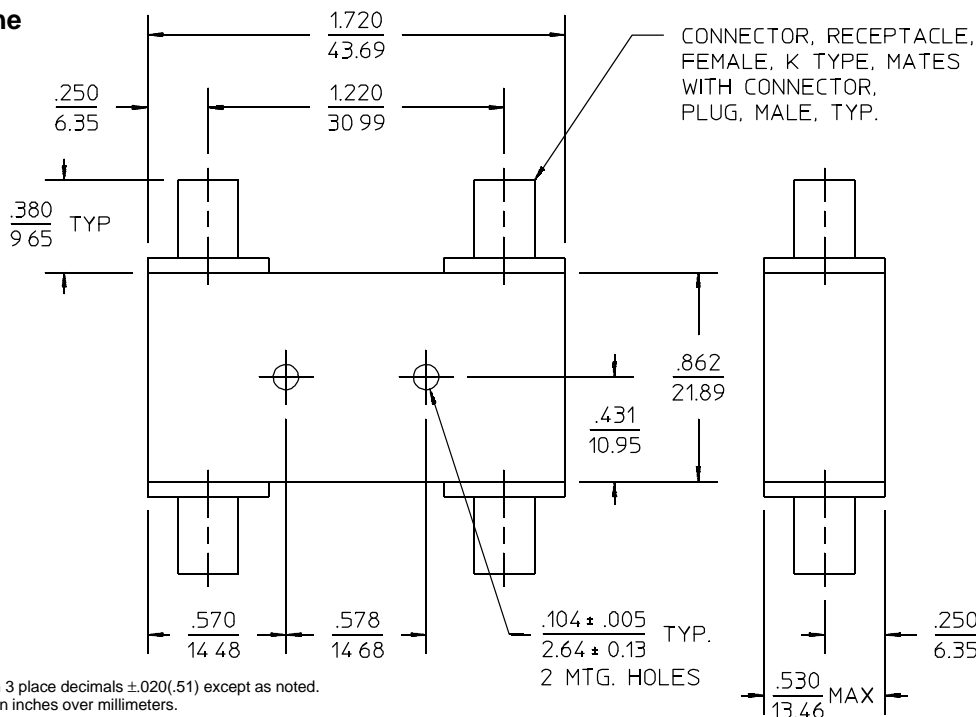
### General Notes:

1. The QHK-4R series of 3 dB quadrature hybrid couplers covers 6 to 40 GHz using stripline circuits for high isolation and low loss.
2. These units are provided with K-series connectors for high reliability and low VSWR to beyond 40 GHz.

## GENERAL SPECIFICATIONS

Coupling:                                - 3 dB nom.  
 Impedance:                            50 Ω nom.  
 CW Input:                              1 W max.  
 Operating Temperature:        - 55° to +85°C

### Package Outline



NOTES: 1. Tolerance on 3 place decimals ±.020(.51) except as noted.  
 2. Dimensions in inches over millimeters.

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