

# HJK-4R-G SERIES – 0°/180° POWER DIVIDERS/COMBINERS

## TECHNICAL FEATURE

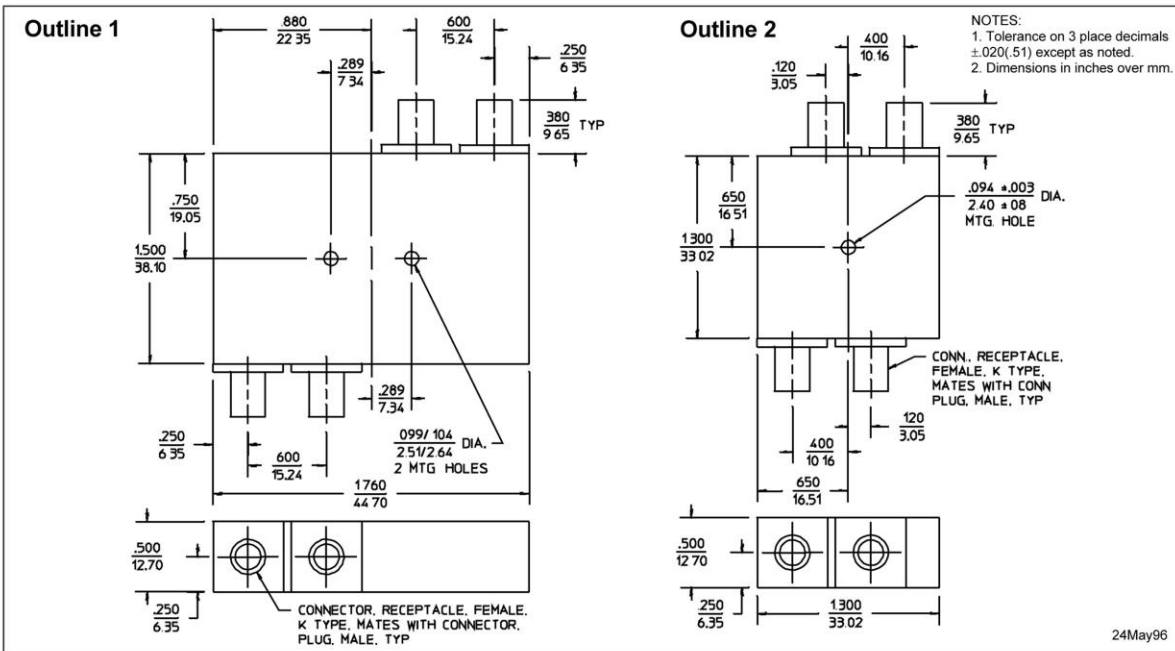
### FEATURES

- 6 to 40 GHz
- Ultra-Wideband
- High Isolation
- Low Insertion Loss
- Stripline Circuits
- K-Connectors

<b>PRINCIPAL SPECIFICATIONS</b>								
Model Number	Frequency Range, GHz	Isolation, dB, Min.	Amplitude Balance, dB, Max.	Phase, 0°/180° Max.	Insertion Loss, dB, Max.	VSWR, All Ports, Max.	Weight, oz (g) Nom.	Outline Reference #
HJK-4R-23G	6.0 - 40.0	13	3.6	180° ± 14°	2.2	2.0:1	2.5 (70)	2
HJK-4R-25G	10.0 - 40.0	13	1.5	180° ± 12°	2.0	2.0:1	2.0 (56)	2
HJK-4R-29G	18.0 - 40.0	13	1.5	180° ± 12°	2.0	2.0:1	2.0 (56)	2

**General Notes:**  
 1. The HJK-4R series of 3 dB hybrid couplers covers 6 to 40 GHz using a multi-section stripline design for broad bandwidths with high isolation and low loss. Applications include EW systems and surveillance receivers.  
 2. All units comply with MIL-P-23971 and can be screened for compliance with additional specifications for military and aerospace applications requiring the highest reliability.

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



**Crane Aerospace & Electronics**  
 Microwave Solutions – Merrimac Industries  
 41 Fairfield Place, West Caldwell, NJ 07006  
 + 1.973.575.1300 ext. 1309 • [mw@crane-eg.com](mailto:mw@crane-eg.com)  
[www.craneeae.com/mw](http://www.craneeae.com/mw)



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