

# QHM-2-4.61G SQ



## **TECHNICAL FEATURE**

### **FEATURES**

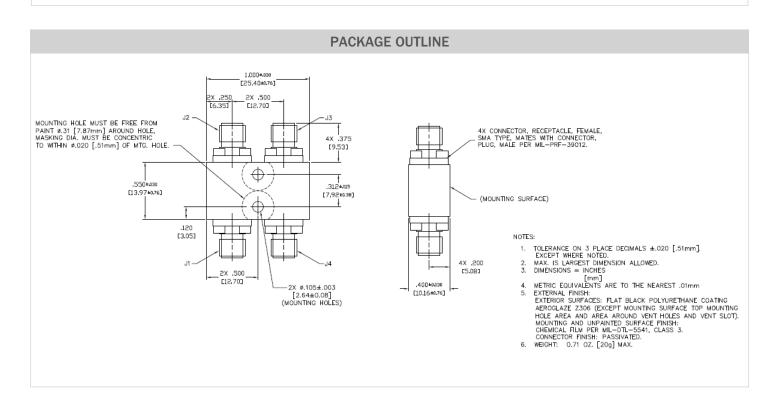
- Space Qualified .
- 4.6 4.625 GHz
- SMA Connector

#### **PRINCIPAL SPECIFICATIONS**

| Model          | Frequency<br>Range | Isolation<br>dB | Insertion<br>Loss, dB | Amplitude<br>Balance dB | VSWR   | Phase<br>Balance dB | CW Input | Weight | Operating     |
|----------------|--------------------|-----------------|-----------------------|-------------------------|--------|---------------------|----------|--------|---------------|
| Number         | GHz                | Min.            | Max.                  | Max.                    | Max.   | Max.                | Power    | Max.   | Temperature   |
| QHM-2-4.61G SQ | 4.6 - 4.625        | 20              | 0.4                   | 0.5                     | 1.19:1 | 90°±5°              | 10 W     | 20 g.  | -55° to +85°C |

#### **GENERAL NOTES**

The QHM-2-4.61G SQ Quadrature Hybrid Power Divider/Combiner covers 4.6 - 4.625 GHz. It uses a stripline design which provides high isolation and low VSWR. This unit has been designed, manufactured, and tested per Merrimac document CENG-0001, "Standard Design Requirements for Space Qualified Devices."



**Microwave Solutions** 

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