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TECHNOLOGY GROUP

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- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *Crane / Merrimac QH-7-4.9* at our website: *Click HERE*

QHM-2 Series 90° POWER DIVIDERS / COMBINERS

1 to 500 MHz / 10% Bandwidth / Low Insertion Loss / Lumped Element Circuitry / SMA Connectors

Phasing Diagram - A				
	1	**2**	**3**	**4**
1		0°	– 90°	Isol
2	0°		Isol	– 90°
3	– 90°	Isol		0°
4	Isol	– 90°	0°	

PRINCIPAL SPECIFICATIONS

Model Number	Center Frequency, f_o	Usable Bandwidth, MHz
QHM-2-60	60 MHz	57 - 63
QHM-2-***B	1 to 500 MHz	$f_o \pm 5\%$

For complete Model Number replace *** with desired Center Frequency, f_o in MHz.

GENERAL SPECIFICATIONS

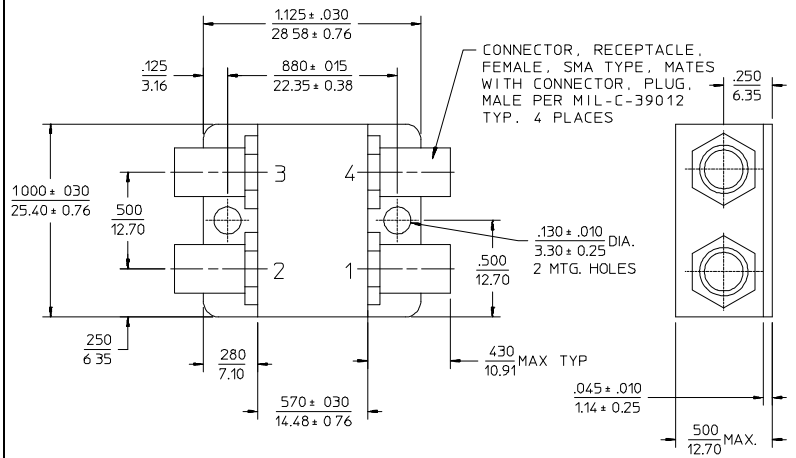
Coupling:	– 3 dB nom.
Isolation:	25 dB min.
Insertion Loss:	0.3 dB max.
Phase Tolerance:	90° ± 3° max.
Amplitude Balance:	0.6 dB max.
Impedance:	50 Ω nom.
VSWR:	1.3:1 max.
CW Input:	1 Watt max.
Weight:	0.75 oz.(21g) nom.
Operating Temperature:	– 55° to +85°C

General Notes:

1. The QHM-2 series of 3 dB quadrature hybrids covers 1 to 500 MHz using lumped element designs for high performance in a conveniently sized package.

2. These units comply with MIL-P-23971 and may be supplied screened for compliance with additional specifications for military and aerospace applications requiring the highest reliability.

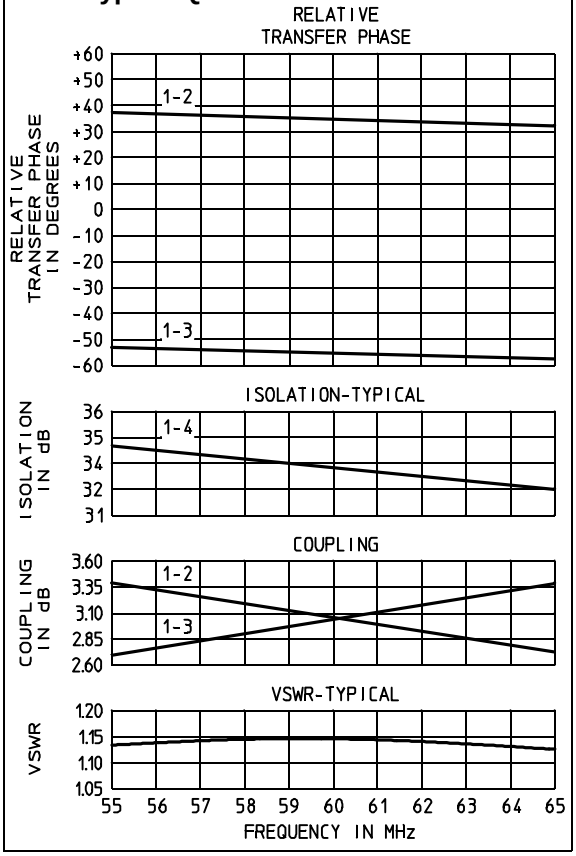
Package Outline



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

20Feb96

Typical QHM-2-60 Performance



For further information contact ***MERRIMAC / 41 Fairfield Pl., West Caldwell, NJ, 07006 / 201-575-1300 / FAX 201-575-0531***

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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