

QHM-23 SERIES – 90° POWER DIVIDERS/COMBINERS

TECHNICAL FEATURE

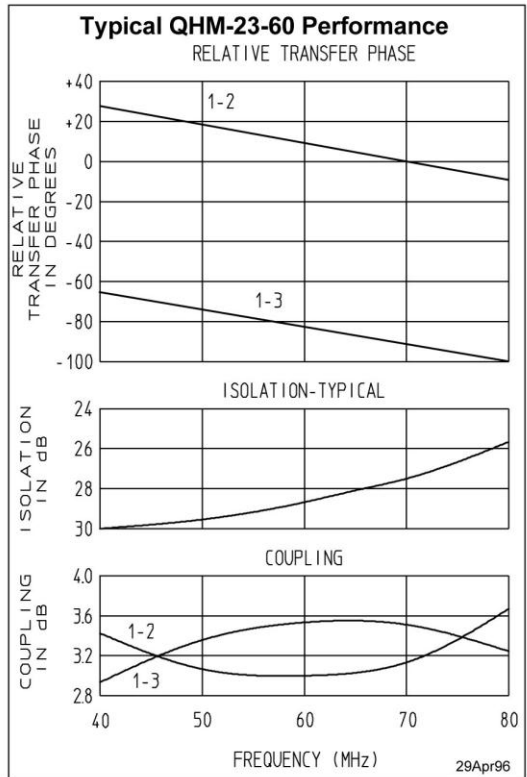
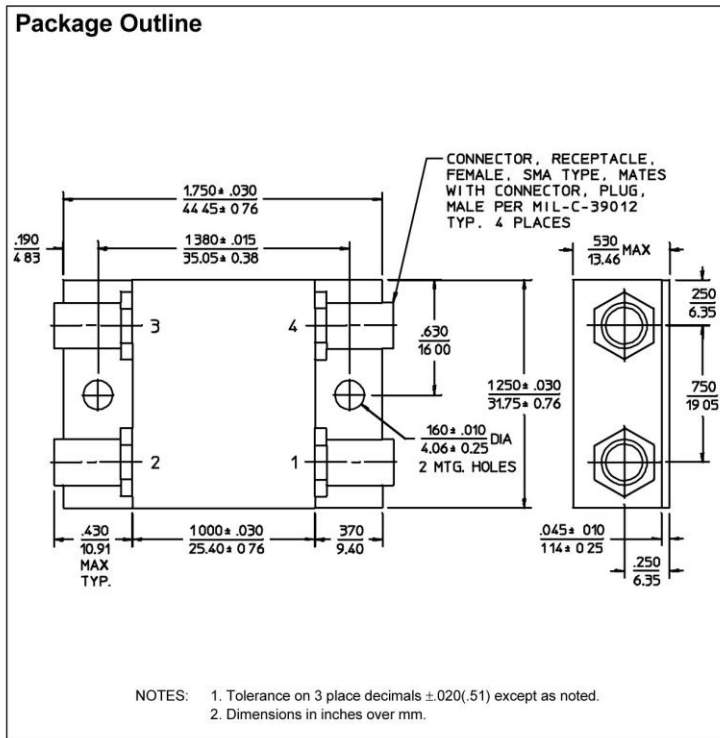
FEATURES

- 10 to 250 MHz
- Octave Bandwidth Standard
- High Isolation
- Low Insertion Loss
- SMA

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_0	Usable Bandwidth, MHz
QHM-23-***B	10 to 250 MHz	Octave BW
For complete Model Number replace *** with desired Center Frequency, f_0 in MHz.		

GENERAL SPECIFICATIONS	
Coupling:	- 3 dB nom.
Isolation:	20 dB min.
Insertion Loss:	0.5 dB max.
Phase Tolerance:	90° ± 3° max.
Amplitude Balance:	1.0 dB max.
Impedance:	50 Ω nom.
VSWR:	1.3:1 max.
CW Input:	1 Watt max.
Weight, nominal:	7 oz. (20 g)
Operating Temperature:	- 55° to +85°C



General Notes:

1. The QHM-23 series covers 10 to 250 MHz in octave segments using multi-section lumped element circuits in a sturdy, compact package.

