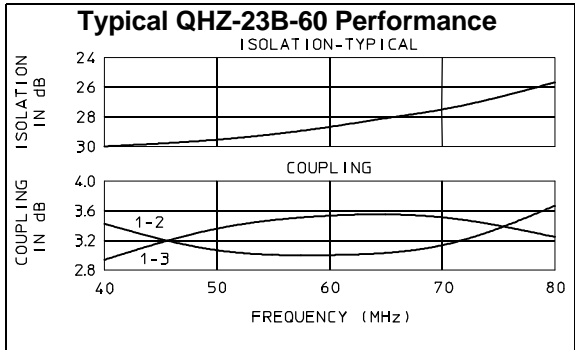
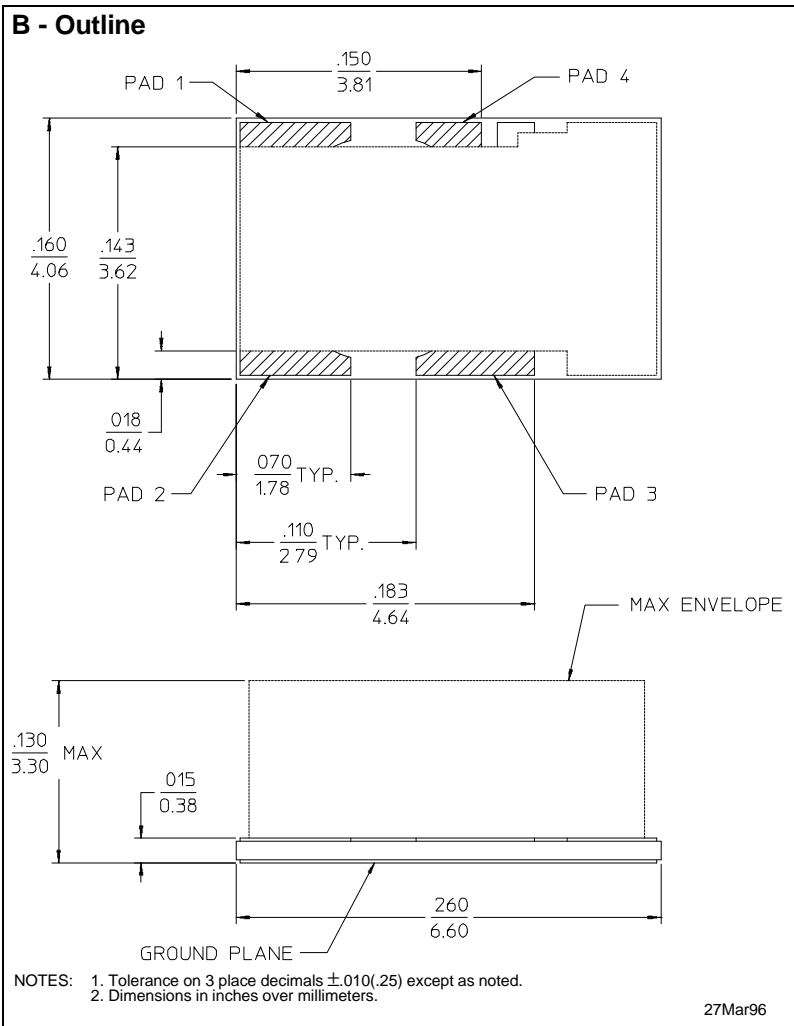


	1	2	3	4
1		0°	-90°	Isol.
2	0°		Isol.	-90°
3	-90°	Isol.		0°
4	Isol.	-90°	0°	

Model Number	Center Frequency	Frequency Performance
QHZ-23B-70	70 MHz	47 - 94 MHz
QHZ-23B-***B	30 to 200 MHz	Octave

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

Coupling:	- 3 dB nom.
Impedance:	50 Ω nom.
Isolation:	20 dB min., 25 dB typ.
Insertion Loss:	
< 75 MHz:	0.5 dB max., 0.3 dB typ.
> 75 MHz:	0.75 dB max., 0.5 dB typ.
Phase Tolerance:	90° ± 3° max.
Amplitude Balance:	1 dB max.
VSWR (In/Out):	1.3:1 max.
CW Input:	1 W max.
Weight, nominal:	0.007 oz (200 mg)
Operating Temp.:	- 55° to +85°C



General Notes:

- The QHZ-23B series of *CaseFree* 3 dB Quadrature Hybrids has been designed for size and process compatibility with MMIC and similar devices. The series presents a unit profile height of less than 0.130" allowing mounting alongside other miniature components within a low profile hermetic housing.
- High performance and octave bandwidth remains uncompromised by the units' miniature characteristics and very low weight.
- All units can be supplied screened for compliance with specifications you designate for aerospace applications requiring the highest available reliability.