



	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
QHP-23N-***B	1 to 300 MHz	Octave
For complete Model Number replace *** with desired Center Frequency in MHz.		

**General Notes:**

1. The QHP-23N series of covers 1 MHz to 300 MHz using a special lumped element design to reduce package size making it ideal for applications requiring high performance in a low 0.2" profile, ultra-miniature package. The 0.385" by 0.5" Meri-Pac™ package is well suited to aerospace applications where inherent package reliability and hermeticity are essential.

Coupling:	- 3 dB nom.
Impedance:	50 Ω nom.
Isolation:	
< 300 MHz:	20 dB min., 25 dB typ.
> 300 MHz:	18 dB min., 22 dB typ.
Insertion Loss:	
> 75 MHz:	0.75 dB max., 0.5 dB typ.
< 75 MHz:	0.5 dB max., 0.3 dB typ.
Phase Tolerance:	90° ± 3° max.
Amplitude Balance:	1 dB max.
VSWR:	
< 300 MHz:	1.3:1 max., In/Out
> 300 MHz:	1.5:1 max., In/Out
CW Input:	1 W max.
Operating Temp.:	- 55° to +85°C

