

Surface Mount 3-Port Quadrature Hybrid

60 MHz, 10% Bandwidth

Package Style 80L
HQ600-80L3

Key Features

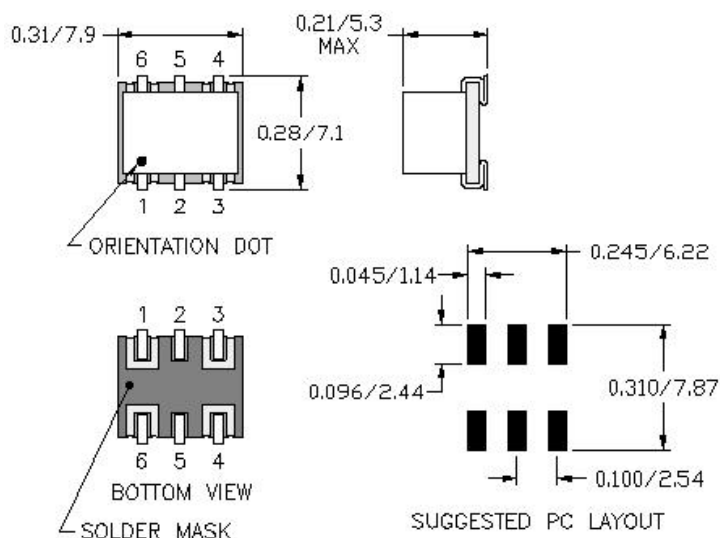
- Insertion Loss: 0.20 dB
- Solder Reflow to +240°C
- Phase Balance 2 degrees

Guaranteed Specifications

	TYP	MAX
Phase Balance (deg)	± 1	± 3
Amplitude Balance (dB)	± 0.25	± 0.50
Insertion Loss (dB)	0.20	0.35
Isolation (dB)	TYP 30	MIN 23
Return Loss (dB)	25	19

RF Power	3 Watts
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 105°C

1. Specifications guaranteed in a 50 ohm test system
2. Available in Tape and Reel
3. Rated power into matched loads.
4. Available at any center freq. from 5 MHz to 4 GHz



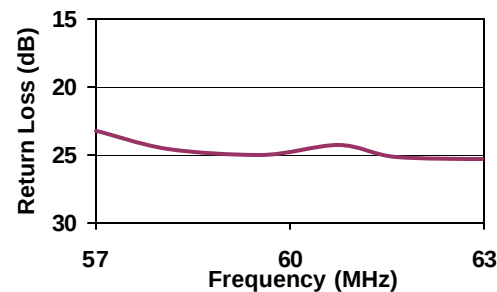
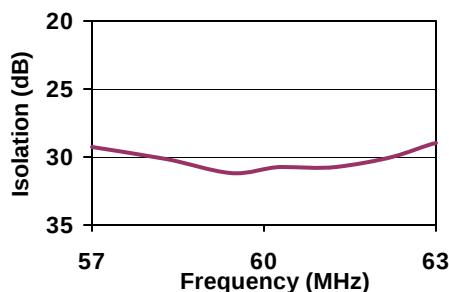
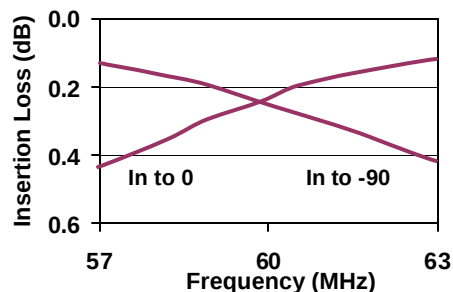
Dimensions are in inches/ mm

Unless Otherwise Noted: .xx = ± 0.02 / 0.50
.xxx = ± 0.010 / 0.250

Pin Configuration

Function	Pin
INPUT	3
0° OUTPUT	4
-90° OUTPUT	6
NO CONNECTION	1
GND	2,5

Typical Performance



Specifications Subject to Change Without Notice

SV Microwave Commercial Products Group, Inc.
7247 Bryan Dairy Road
Largo, FL 33777

Tel (727) 541-5800

Fax (727) 541-5869

www.svmicrowave.com