

Surface Mount 4-Port Directional Coupler

4-1000 MHz, 50 ohms

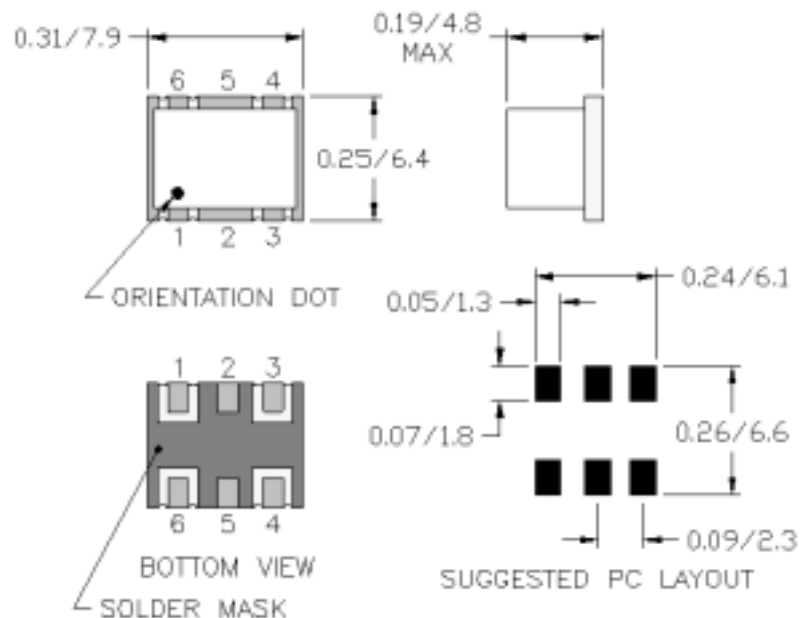
Package Style 80
DCBE08-80H5

Key Features

- Coupling: 8 ± 0.5 dB
- Directivity: 23 dB
- Solder Reflow to 240°C

Guaranteed Specifications

	TYP	MAX
Coupling Flatness (dB)	± 0.4	± 0.6
Mainline Loss (dB)	1.2	1.8
Directivity (dB)	TYP 23	MIN 17
Return Loss (dB)	20	16
Impedance	50 Ohms NOM	
RF Power	+30 dBm	
Operating Temperature	-40°C to 85°C	
Storage Temperature	-55°C to 105°C	



Dimensions are in inches/ mm

Unless Otherwise Noted: .xx = $\pm 0.02 / 0.50$

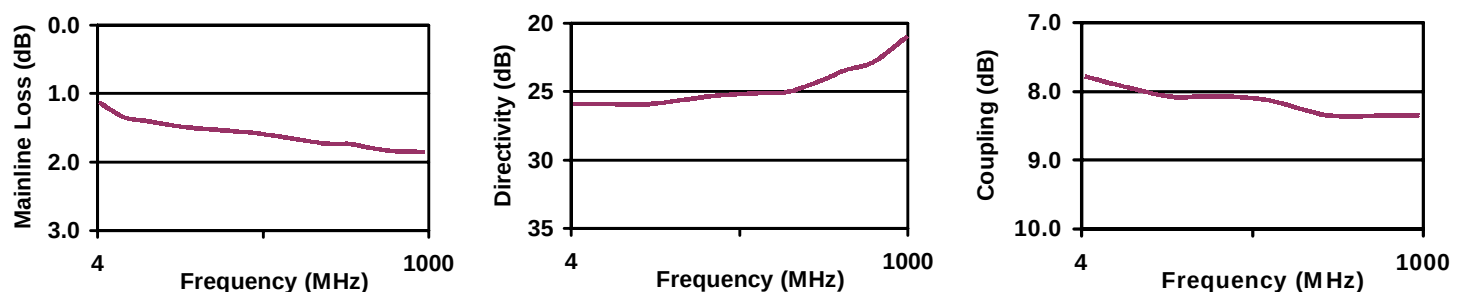
.xxx = $\pm 0.010 / 0.250$

Pin Configuration

Function	Pin
INPUT	1
OUTPUT	6
FWD COUPLED	3
REV COUPLED	4
GROUND	2,5

1. Specifications guaranteed in a 50 ohm test system
2. Available in Tape and Reel
3. Mainline loss also includes theoretical coupling loss.

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

www.svmicrowave.com

Fax (727) 541-5869