

Surface Mount 3-Port Directional Coupler

4-1000 MHz, 75 OHMS

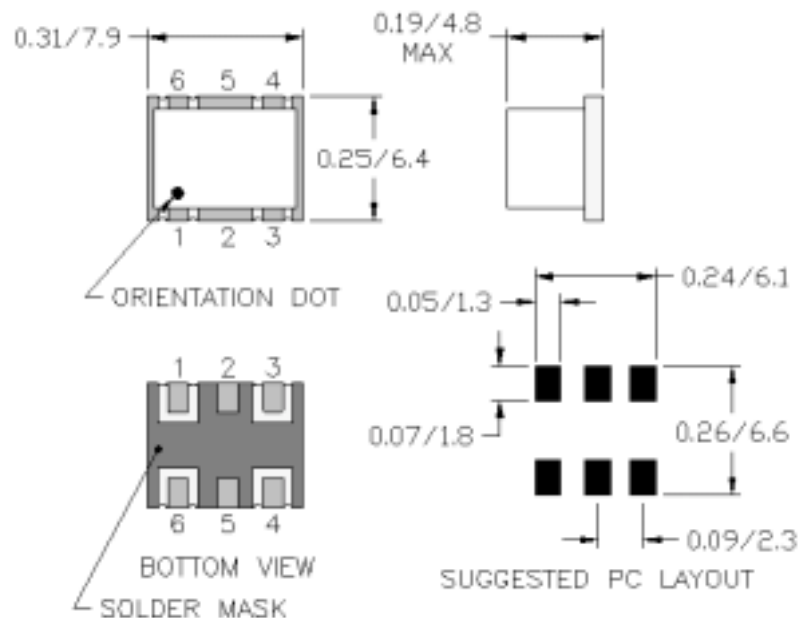
Package Style 80
DCBE15-80H7

Key Features

- Coupling: 15 ± 0.5 dB
- Directivity: 25 dB
- Solder Reflow to 240°C

Guaranteed Specifications

	TYP	MAX
Coupling Flatness (dB)	± 0.3	± 0.5
Mainline Loss (dB)	1.0	1.3
Directivity (dB)	TYP 25	MIN 20
Return Loss (dB)	25	19
Impedance	75 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 = $\pm 0.02 / 0.50$

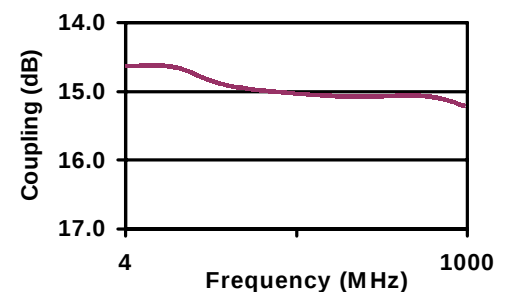
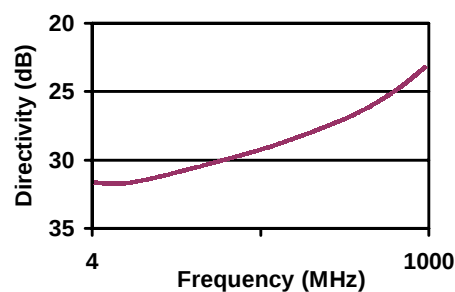
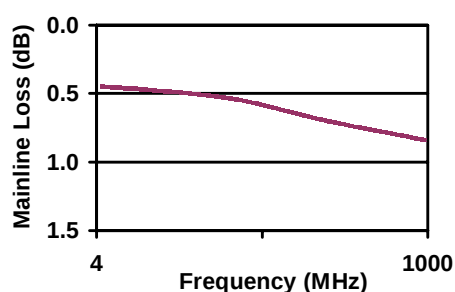
.xxx = $\pm 0.010 / 0.250$

Pin Configuration

Function	Pin
INPUT	1
OUTPUT	6
COUPLED	3
NO CONNECTION	4
GROUND	2,5

1. Specifications guaranteed in a 75 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