

**Surface Mount 4-Port Directional Coupler**  
**4-1000 MHz, 50 ohms**

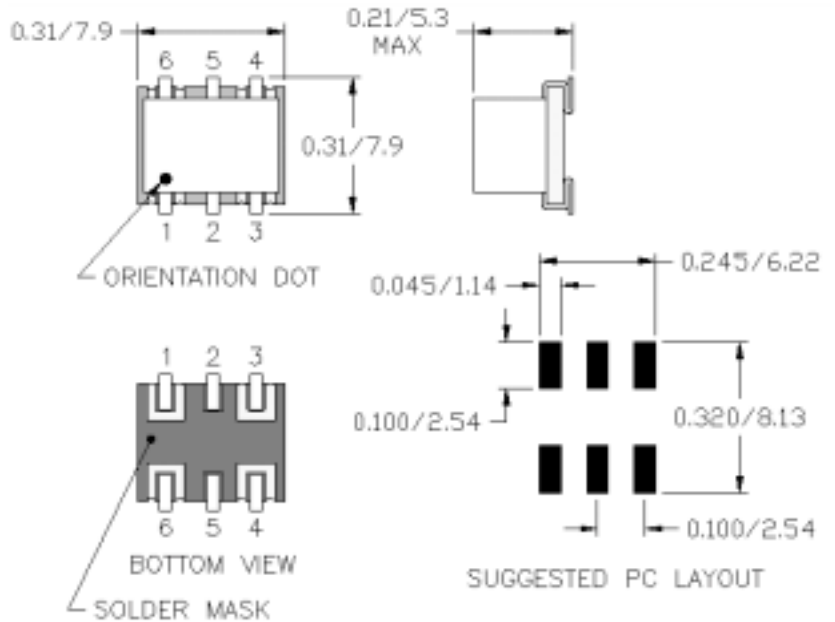
**Package Style 80L**  
**DCBE10-80H4**

**Key Features**

- Coupling: 10 dB
- Directivity: 18 dB
- Solder Reflow to 240°C

**Guaranteed Specifications**

	TYP	MAX
Coupling Flatness (dB)	± 0.3	± 0.5
Insertion Loss (dB)	1.0	1.5
Directivity (dB)	TYP 18	MIN 16
Return Loss (dB)	18	16
Impedance	50 Ohms NOM	
RF Power	+30 dBm MAX	
Operating Temperature	-40°C to 85°C	
Storage Temperature	-55°C to 105°C	



Dimensions are in inches/ mm

Unless Otherwise Noted: .xx = ± 0.02 / 0.50

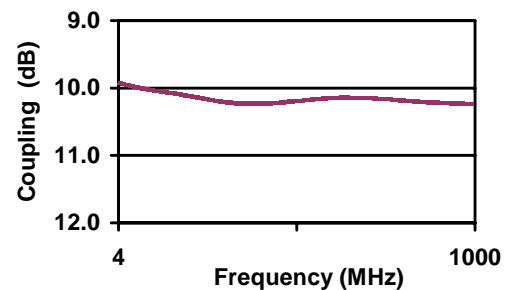
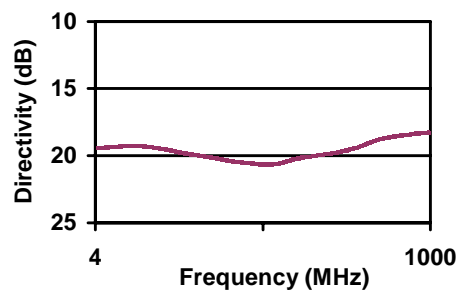
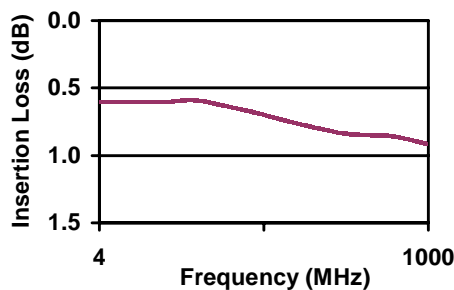
.xxx = ± 0.010 / 0.250

1. Specifications guaranteed in a 50 ohm test system.
2. Available in Tape and Reel.

**Pin Configuration**

Function	Pin
INPUT	1
OUTPUT	6
COUPLED	3
ISOLATE	4
GND	2,5

**Typical Performance**



Specifications Subject to Change Without Notice

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