

90° HYBRID MODEL DQF-102

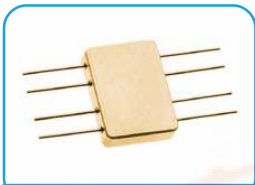
OCTAVE BANDWIDTH

40 - 80 MHz

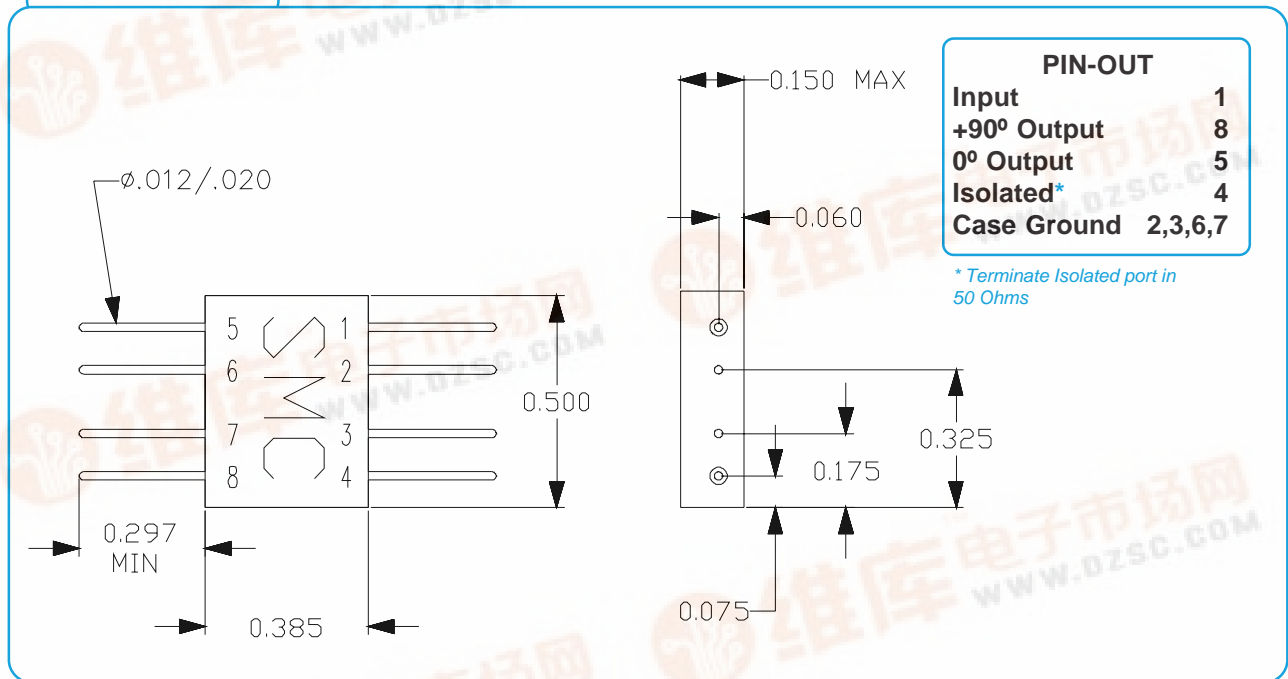
SPECIFICATIONS

Operating Frequency: 40 - 80 MHz
Insertion Loss: 0.3 dB (Typ)/0.6 dB (Max)
Isolation: 25 dB (Typ)/20 dB (Min)
Amplitude Unbalance: 0.4 dB (Typ)/0.75 dB (Max)

Phase Unbalance: 1° (Typ)/ 3° (Max)
VSWR : 1.1:1 (Max)
Power Rating: 1 Watt (Max)
Impedance: 50 Ohms
Operating Temp. Range: -55° to +100°C



MECHANICAL OUTLINE: 101

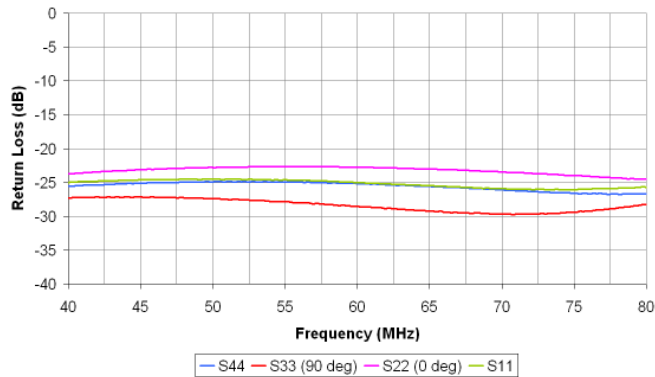
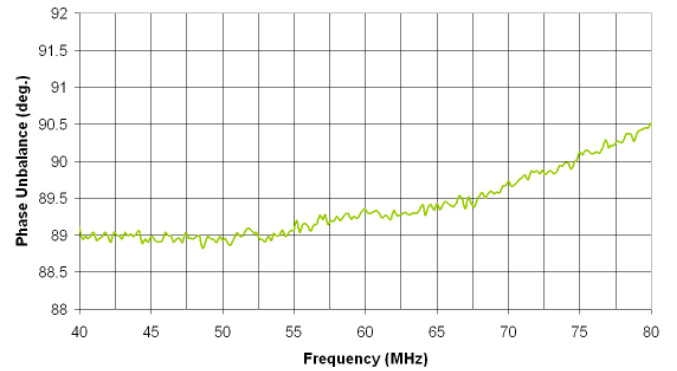
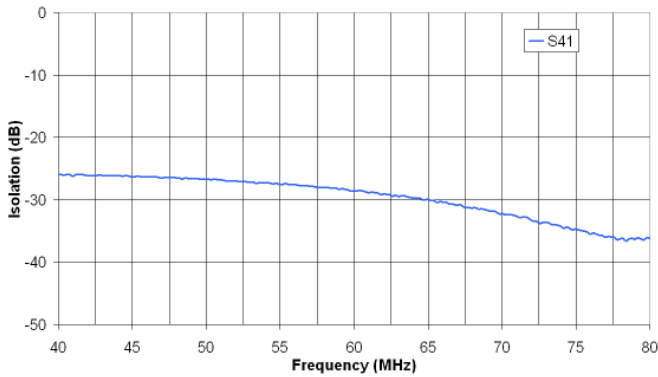
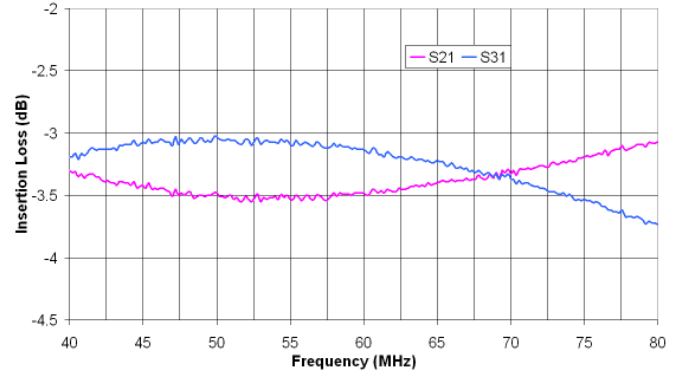
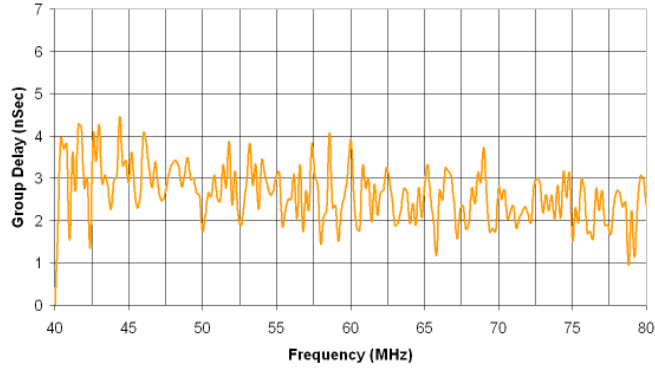


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PERFORMANCE PLOTS



— S44 — S33 (90 deg) — S22 (0 deg) — S11