

90° HYBRID MODEL SQ-67

10% BANDWIDTH

427.5 - 477.5 MHz

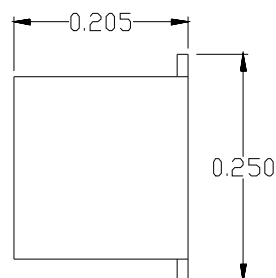
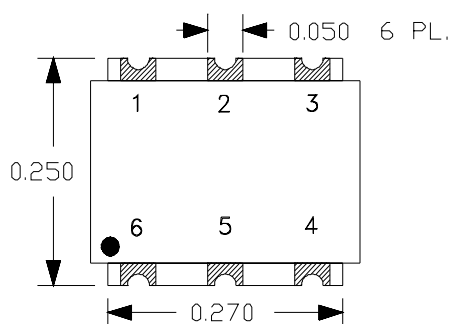
SPECIFICATIONS (Rev. "A" 8/31/99)

Operating Frequency: 427.5 - 477.5 MHz
Insertion Loss (dB): 0.2 (Typ) / 0.4 (Max)
Amplitude Unbalance (dB): 0.5 (Typ) / 0.7 (Max)
Phase Unbalance: 1.0° (Typ) / 3.0° (Max)

Isolation (dB): 25 (Typ) / 20 (Min)
VSWR: 1.2:1
Impedance: 50 Ohms
Input Power Rating: 1 Watt (Max)
Operating Temp. Range: -20° to +70°C



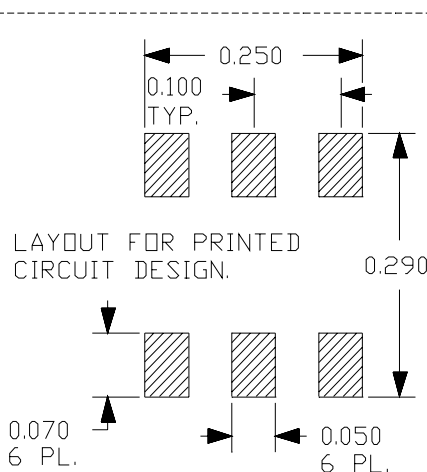
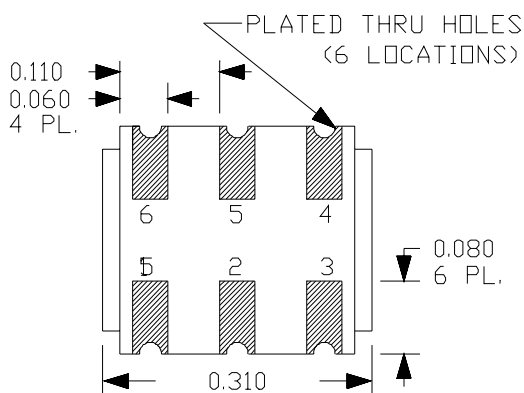
MECHANICAL OUTLINE: 134



PIN-OUT

Input	6
+90° Output	1
0° Output	2
Isolated*	5
Grnd.**	3,4

* Terminate Isolated port in 50 Ohms Externally
** Ground Externally



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PERFORMANCE PLOTS

