

# QUADRATURE HYBRID

## MODEL SLQ-K07

**OCTAVE BANDWIDTH**

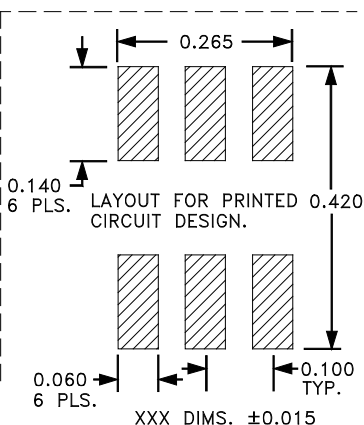
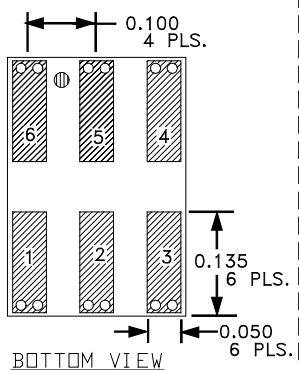
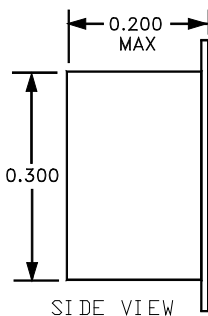
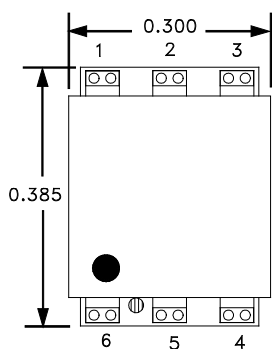
**225 - 400 MHz**

**SPECIFICATIONS (Rev C 08/06/09)**

<b>Operating Frequency:</b>	225 - 400 MHz	<b>Input Power Rating:</b>	1 Watt (Max)
<b>Insertion Loss:</b>	0.4 dB (Typ)/0.8 dB (Max)	<b>Impedance:</b>	50 Ohms
<b>Amplitude Unbalance:</b>	0.6 dB (Typ)/1.2 dB (Max)	<b>VSWR :</b>	1.6:1 (Typ)
<b>Phase Unbalance:</b>	1° (Typ)/ 4° (Max)	<b>Operating Temp. Range:</b>	-40 to +85 °C
<b>Isolation:</b>	17 dB (Typ)/15 dB (Min)		



**MECHANICAL OUTLINE: 159LF**



PIN-OUT	
Input	6
+90° Output	1
0° Output	2
Isolated*	5
Ground**	3,4

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

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### PERFORMANCE PLOTS

