

90° HYBRID MODEL DQS-30-450

WIDE BANDWIDTH

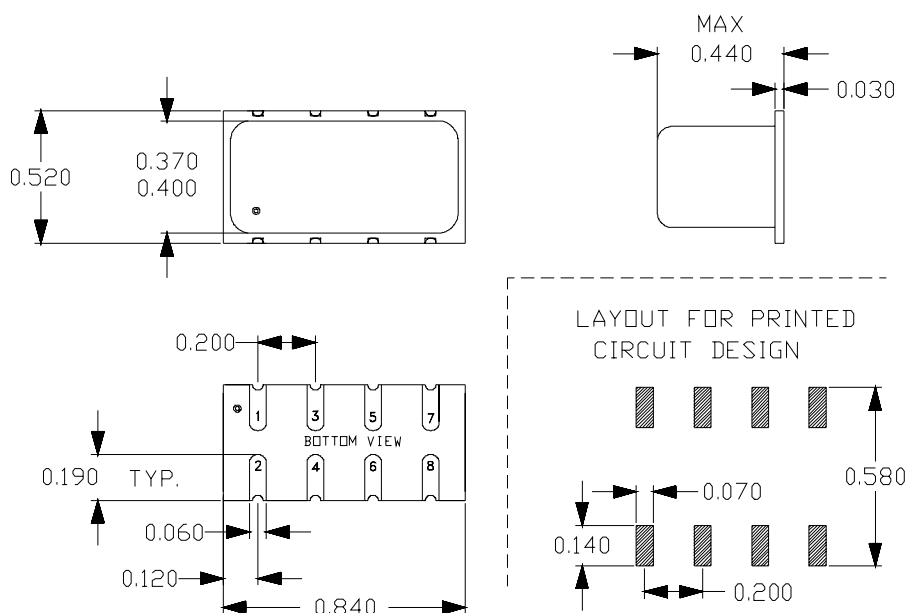
30- 450 MHz

SPECIFICATIONS (Rev. "A" 8/24/04)

Operating Frequency:	30 - 450 MHz	Phase Unbalance:	$\pm 0.2^\circ$ (Typ) / $\pm 3.0^\circ$ (Max)
Insertion Loss (dB):	1.2 (Typ) / 1.7 (Max)	Input Power Rating:	5 Watt (Max)
Isolation (dB):	23 (Typ) / 18 (Min)	VSWR:	1.4:1 (Typ)
Amplitude Unbalance (dB):	1.0 (Typ) / 1.5 (Max)	Impedance:	50 Ohms
		Operating Temp. Range:	-55° to +85°C



MECHANICAL OUTLINE: 102S



PIN-OUT

Input	1
+90° Output	8
0° Output	7
Isolated*	2
Case Grnd.	All Other

* Terminate Isolated port in 50 Ohms Externally

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PERFORMANCE PLOTS

