

QUADRATURE HYBRID MODEL DQS-10-50

5:1 BANDWIDTH

10 - 50 MHz

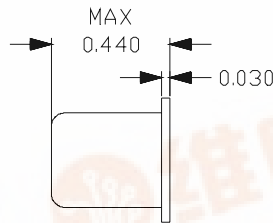
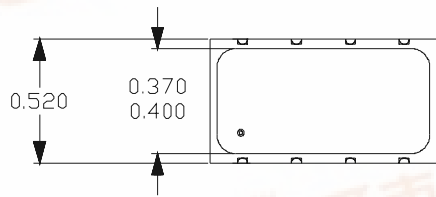
SPECIFICATIONS

Operating Frequency:	10 - 50 MHz	Isolation:	30 dB (Typ) / 20 dB (Min)
*Insertion Loss:	1.0 dB (Max)	VSWR:	1.5:1 (Max)
Amplitude Unbalance:	0.8 dB (Max)	Impedance:	50 Ohms
Phase Unbalance:	3.0° (Max)	Operating Temp. Range:	-20° to +70°C

*Below theoretical -3.0 dB coupling split loss.

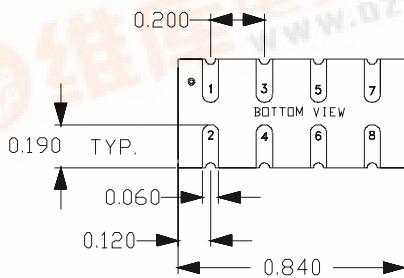


MECHANICAL OUTLINE: 102S

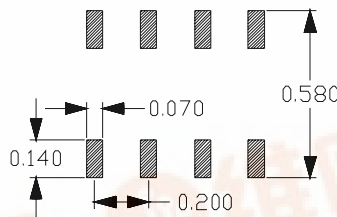


PIN-OUT

INPUT PIN 1
 +90° OUTPUT PIN 8
 0° OUTPUT PIN 7
 ISOLATED* PIN 2
 * Terminate ISOLATED port with 50 ohms.



LAYOUT FOR PRINTED CIRCUIT DESIGN



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PERFORMANCE PLOTS

