

QUADRATURE HYBRID MODEL DQS-A16

OPTIMIZED BANDWIDTH

118 - 174 MHz

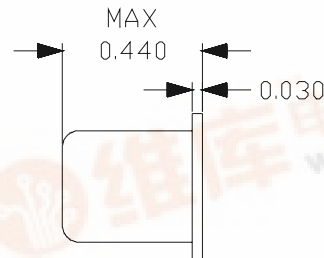
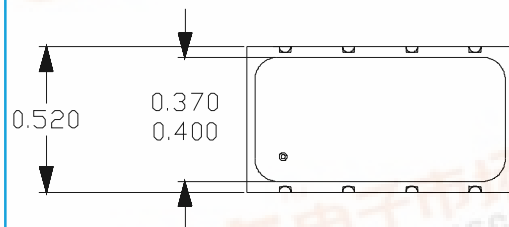
SPECIFICATIONS

Operating Frequency: 118 - 174 MHz
Insertion Loss: 0.3 dB (Typ) / 0.6 dB (Max)
Isolation: 23 dB (Typ)/18 dB (Min)
Amplitude Unbalance: 0.4 dB (Typ) / 1.0 dB (Max)

Phase Unbalance: 1.0° (Typ)/ 3.0° (Max)
VSWR: 1.35:1 (Max)
Input Power Rating 25 Watts (Max)
Impedance: 50 Ohms
Operating Temp. Range: -20° to +70°C

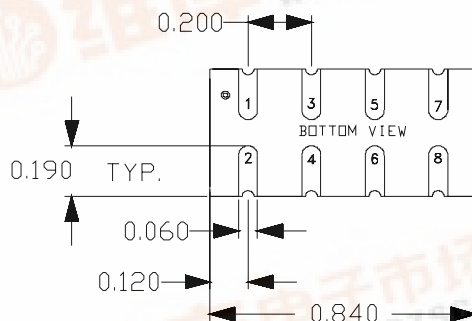


MECHANICAL OUTLINE:102S

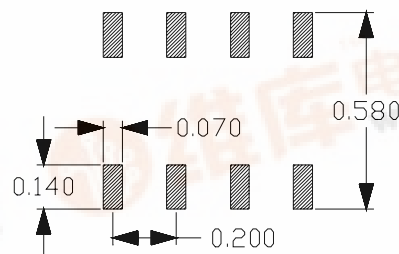


PIN-OUT	
INPUT	1
+90° OUTPUT	6
0° OUTPUT	5
ISOLATED*	2
CASE GND	3,4,7,8

* Terminate ISOLATED port with 50 ohms.



LAYOUT FOR PRINTED CIRCUIT DESIGN



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PERFORMANCE PLOTS

