

QUADRATURE HYBRID

MODEL DQS-A15-01

3:1 BANDWIDTH

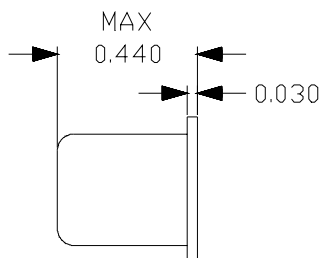
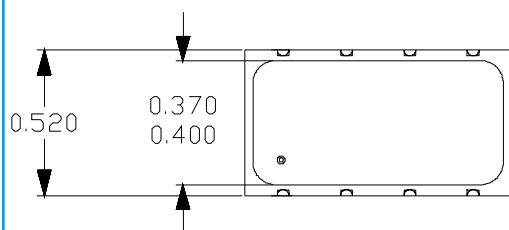
30 - 90 MHz

SPECIFICATIONS

Operating Frequency:	30 - 90 MHz	Phase Unbalance:	1.0° (Typ)/ 3.0° (Max)
Insertion Loss:	0.3 dB (Typ) / 0.6 dB (Max)	VSWR:	1.35:1 (Max)
Isolation:	23 dB (Typ)/20 dB (Min)	Input Power Rating	25 Watts (Max)
Amplitude Unbalance:	0.8 dB (Typ) / 1.2 dB (Max)	Impedance:	50 Ohms
IP3:	+55 dBm (Min)	Operating Temp. Range:	-55° to +100°C

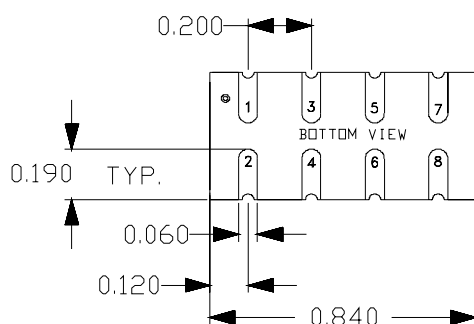


MECHANICAL OUTLINE:102S

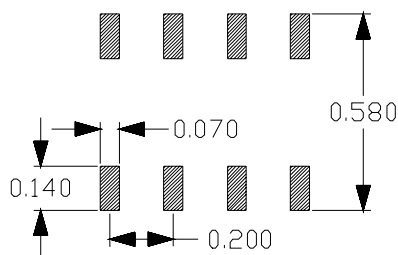


PIN-OUT	
INPUT	1
+90° OUTPUT	6
0° OUTPUT	5
ISOLATED*	2
CASE GND	3,4,7,8

* Terminate ISOLATED port with 50 ohms.



LAYOUT FOR PRINTED CIRCUIT DESIGN



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PERFORMANCE PLOTS

