

# 90° HYBRID COUPLER MODEL SMQ-C23-02

OPTIMIZED BANDWIDTH

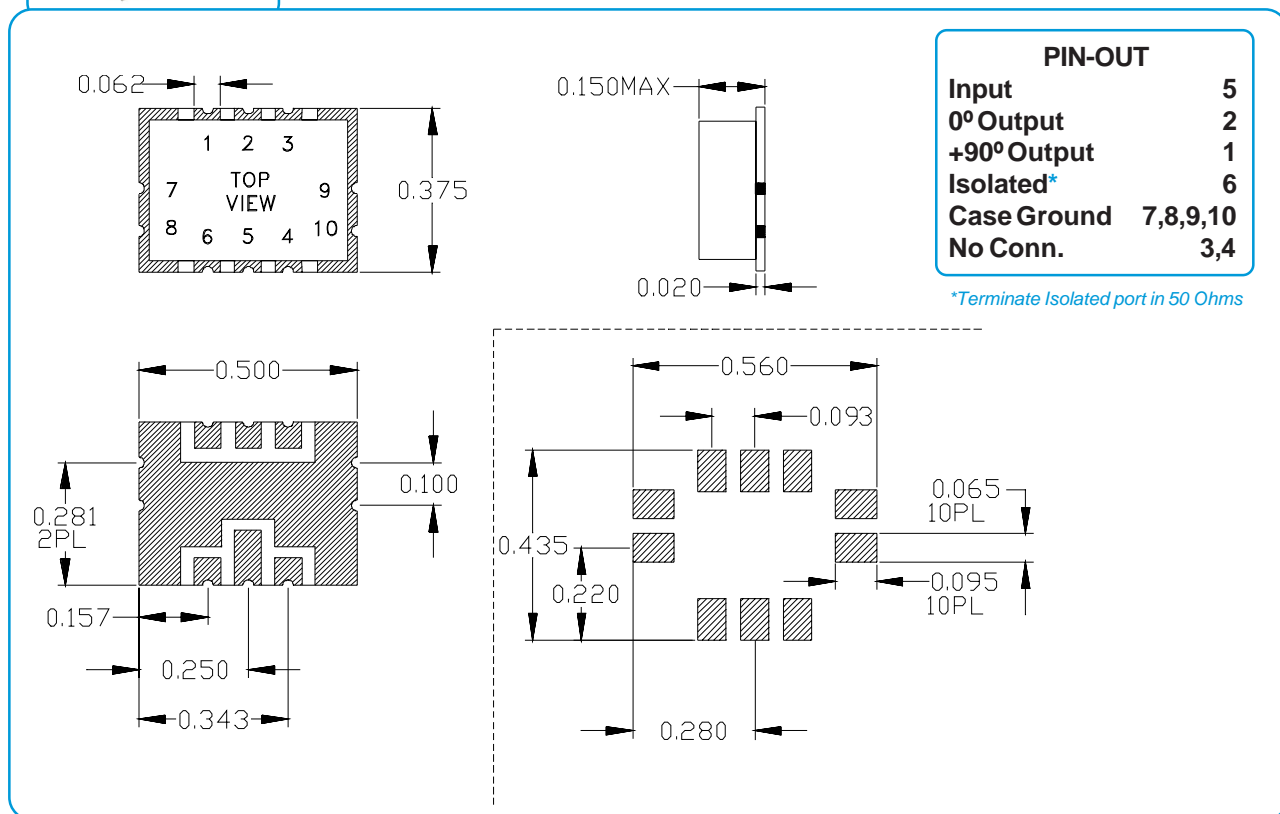
50 - 90 MHz

## SPECIFICATIONS

<b>Operating Frequency:</b>	50 - 90 MHz	<b>Phase Linearity (in-Iso)</b>	
<b>Insertion Loss:</b>	0.5 dB (Typ)/0.75 (Max)	<b>Open/Shorted Outputs:</b>	0.7° (Typ)/2° (Max)
<b>Isolation:</b>	18 dB (Typ)/15 dB (Min)	<b>VSWR :</b>	1.4:1 (Typ)/1.6:1 (Max)
<b>Amplitude Unbalance:</b>	0.3 dB (Typ)/0.8 dB (Max)	<b>Impedance:</b>	50 Ohms (Nom)
<b>Phase Unbalance:</b>	1.0° (Typ)/ 3.0° (Max)	<b>Power Rating:</b>	1 Watt (Max)
		<b>Operating Temp. Range:</b>	-20° C to +70° C



MECHANICAL OUTLINE: 129



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## PERFORMANCE PLOTS

