



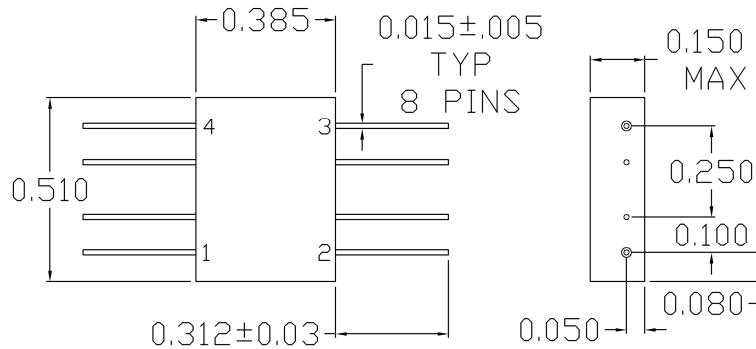
90-Degree 3dB Coupler-Lumped Element

REV2010.A

MODEL Q-0250N-90

OUTLINE DRAWING

UNIT:INCH



Phase Diagram				
	1	2	3	4
1		0°	90°	Iso
2	0		Iso	-90°
3	-90°	Iso		0°
4	Iso	-90°	0°	

ELECTRICAL SPECIFICATIONS	FREQUENCY RANGE		0.5-500.0	MHz
	BANDWIDTH		10% OF Fc	
	COUPLING	Typ.	3.0	dB
	VSWR	Max.	1.30:1	
	AMPLITUDE BALANCE		± 0.75	dB
	PHASE BALANCE		± 2.0	Deg.
	INSERTION LOSS	Max.	0.70	dB
	ISOLATION	Min.	20.0	dB
	POWER RATING	Avg.	0.1	W
PHYSICAL SPECIFICATIONS	CONNECTOR TYPE		Drop-In Package	
	WEIGHT	Max.	0.1	Oz
	OPERATIONAL TEMP.		- 40 to + 85 °C	



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