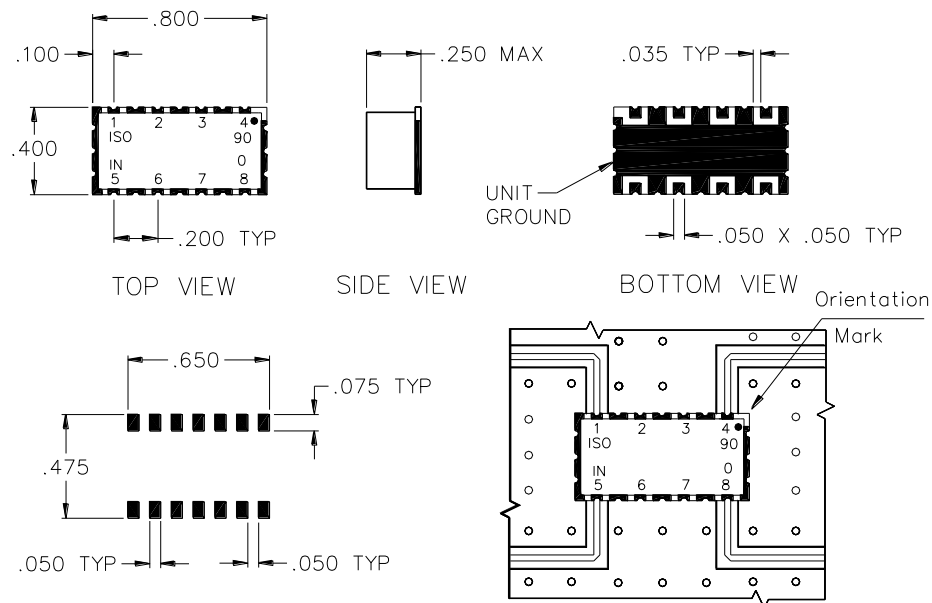




Board Installation Pattern

TYPICAL APPLICATION

All half plated thru holes on all sides need to be grounded to main board

Electrical Specifications:

Frequency Range:	10-50	Mhz		
Insertion Loss:	0.8	dB	Max	
Amplitude Balance:	±0.5	dB	Max	
Isolation:	20	dB	Min	
Phase Balance	90±4	Degree	Max	
VSWR:	1.40:1		Max	
Power at Input	2	Watt	Max	
Operating Temp.	-55°C to 80°C			
Storage Temp.	-55°C to 125°C			
ECCN	EAR99			
Theoretical splitting loss is 3.0 dB.				
Input Power rating is for load VSWR better than 1.20:1.				

SigaTek

423 Black Oak Ridge Rd.
Wayne, NJ 07470
Ph: 973-706-8475, Fax: 973-832-4435
www.sigatek.com

SQ51K4

Hybrid 90 Degree
Surface Mount Board
Lumped Elements

Dimensions are in inches and (mm)
Decimal Tolerance:
2 place +- 0.020
3 place +- 0.010

CAGE CODE : 69UC1

Notes: All dimensions are typical unless they are specified.
Specifications are subject to change at any time without any notice.
Copy or distribution of this drawing in not allowed without Sigatek's approval.