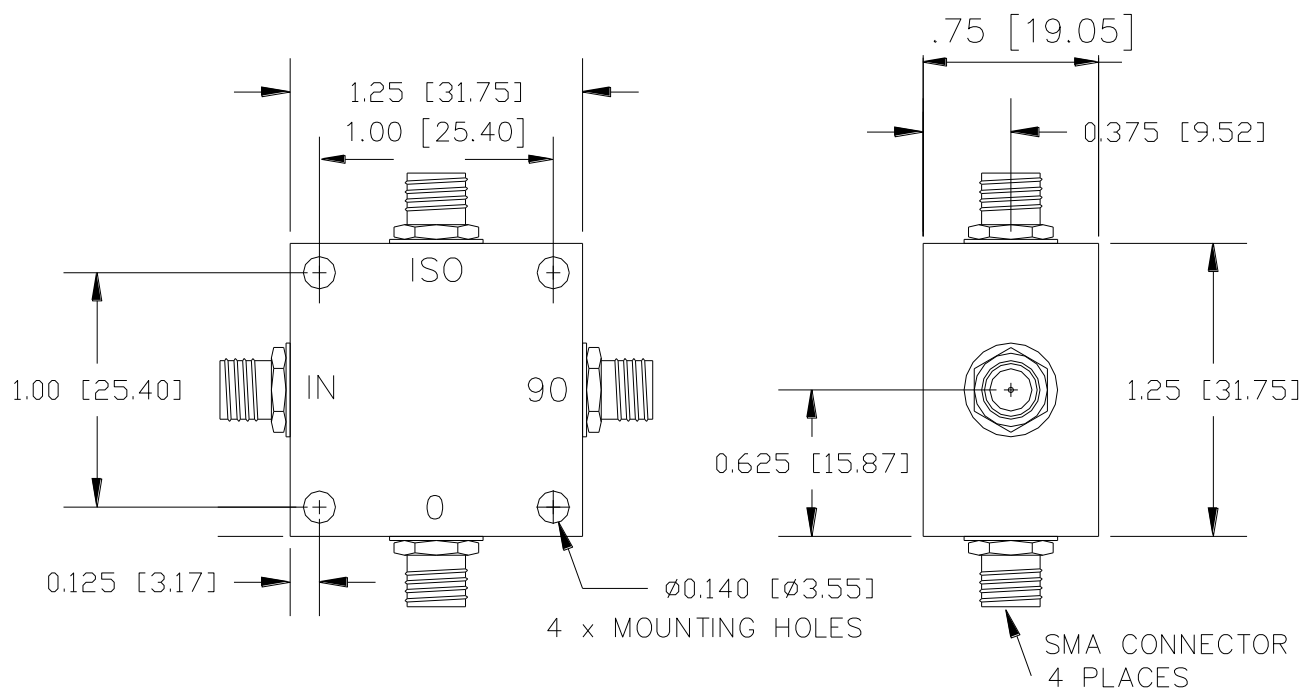




## Electrical Specifications:

|                    |                |        |     |  |
|--------------------|----------------|--------|-----|--|
| Frequency Range:   | 30-150         | Mhz    |     |  |
| Insertion Loss:    | 0.9            | dB     | Max |  |
| Amplitude Balance: | ±0.6           | dB     | Max |  |
| Isolation:         | 18             | 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](http://www.sigatek.com)

## SQ53A10

## Hybrid 90 Degree SMA 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.