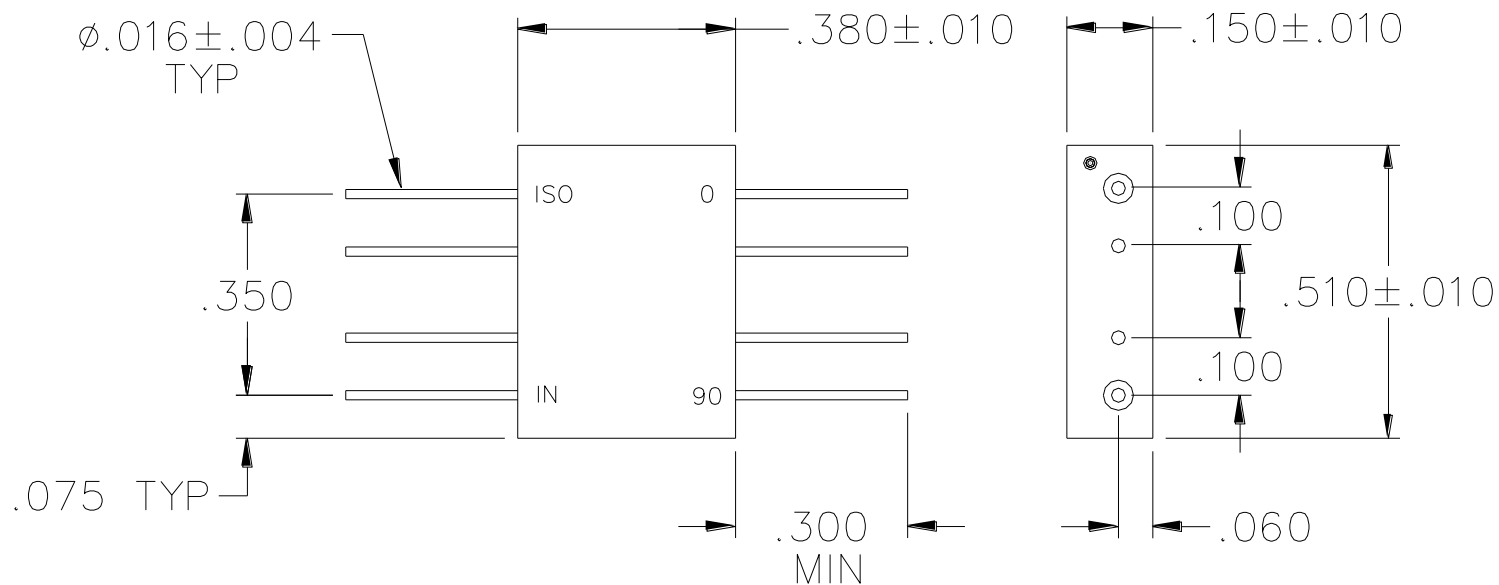




## Electrical Specifications:

|                    |                |        |     |  |
|--------------------|----------------|--------|-----|--|
| Frequency Range:   | 300-600        | Mhz    |     |  |
| Insertion Loss:    | 0.90           | dB     | Max |  |
| Amplitude Balance: | $\pm 0.8$      | dB     | Max |  |
| Isolation:         | 16             | dB     | Min |  |
| Phase Balance      | $90 \pm 5$     | Degree | Max |  |
| VSWR:              | 1.60:1         |        | 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

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## SQ22F2

## Hybrid 90 Degree Flatpack Lumped Elements

Dimensions are in inches and (mm)

Decimal Tolerance:

2 place  $\pm 0.020$

3 place  $\pm 0.010$

## CAGE CODE : 69UC1

Notes: All dimensions are typical unless they are specified.

Specifications are subject to change at any time without any notice.

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