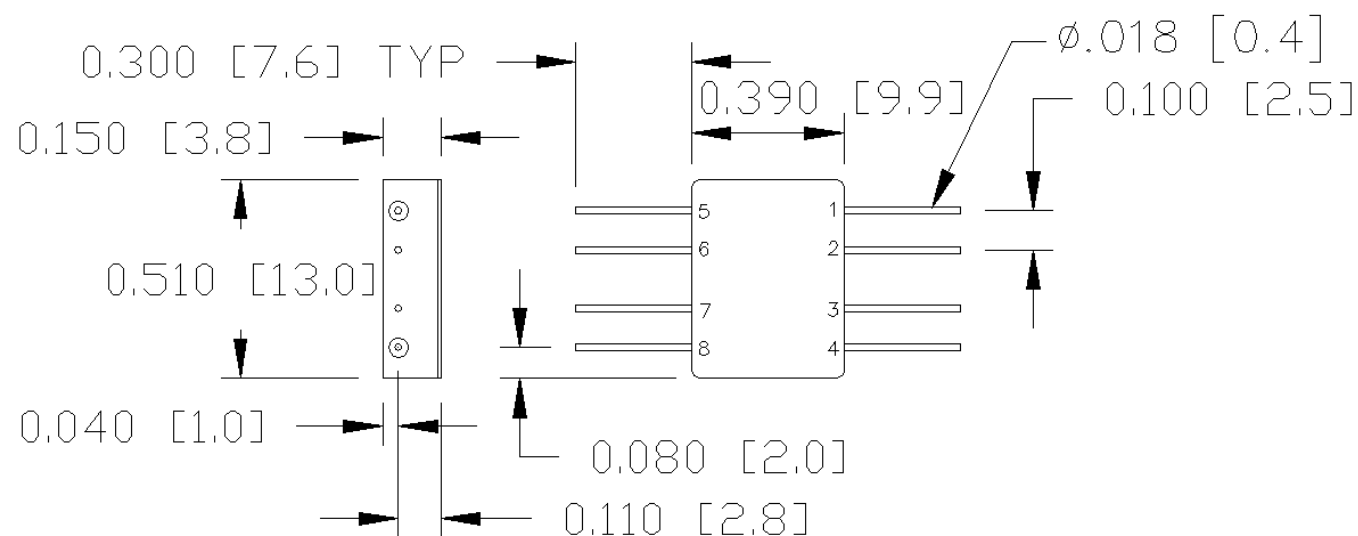




Port Configuration

| | |
|-----------|------------------|
| Input | Pin-1 |
| Isolation | Pin-4 |
| +90 deg. | Pin-5 |
| 0 deg. | Pin-8 |
| Ground | 2, 3, 6, 7, case |



Electrical Specifications:

| | | | |
|--------------------|----------------|--------|-----|
| Frequency Range: | 80-160 | Mhz | |
| Insertion Loss: | 0.70 | dB | Max |
| Amplitude Balance: | ±0.5 | dB | Max |
| Isolation: | 20 | dB | Min |
| Phase Balance | 90±3 | Degree | Max |
| VSWR: | 1.20:1 | | 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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SQ18F2

Hybrid 90 Degree Flatpack 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.
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