Port Configuration

<table>
<thead>
<tr>
<th>Port</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input</td>
<td>Port-5</td>
</tr>
<tr>
<td>Output</td>
<td>Port-1</td>
</tr>
<tr>
<td>Control</td>
<td>Port-4</td>
</tr>
<tr>
<td>Ground</td>
<td>All unused half plated holes</td>
</tr>
</tbody>
</table>

Electrical Specifications:

- **Frequency Range:** 10-11 MHz
- **Insertion Loss:** 1.8 dB Max
- **Phase:** 180 degree Min
- **Control Voltage:** 0-20 Vdc Max
- **VSWR Input:** 1.70:1 Max
- **VSWR Output:** 1.70:1 Max
- **Power Input:** +5 dBm Typ
- **Operating Temperature:** -40 °C to +85 °C
- **Storage Temperature:** -55 °C to +100 °C

Input power is specified for load VSWR better than 1.20:1.

SigaTek

SF10K4

Analog Phase Shifter
10% Band 180 Degree
Surface Mount

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.