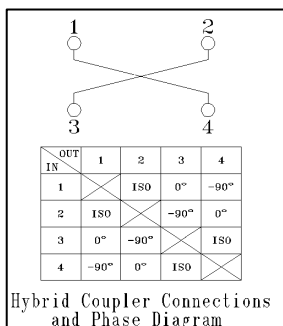


## SHY550 HYBRID COUPLER

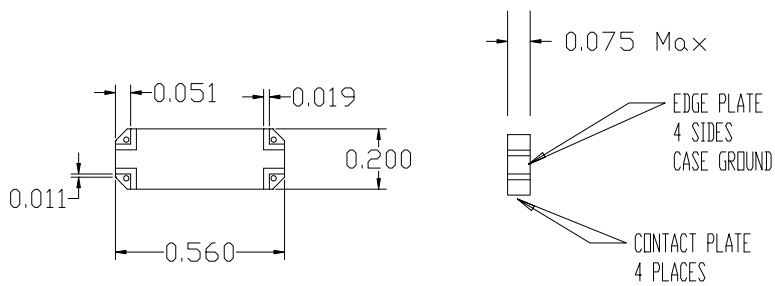


### Features:

- Small Size
- Custom Designs Available
- Surface Mounted
- Low Cost
- Available on Tape and Reel



### Outline Drawing



All dimensions in inches

### Electrical Specifications:

|                           |                  |
|---------------------------|------------------|
| <b>Frequency Range:</b>   | 5000 to 6000 MHz |
| <b>Insertion Loss:</b>    | 0.2 dB max.      |
| <b>Amplitude Balance:</b> | +/- 0.2 dB       |
| <b>Phase Balance:</b>     | 2 degrees        |
| <b>VSWR:</b>              | 1.2:1            |
| <b>Power Handling:</b>    | 40 Watts CW      |
| <b>Isolation:</b>         | 23 dB            |

### Mechanical Specifications:

|                    |                 |
|--------------------|-----------------|
| <b>Dimensions:</b> | 0.200" x 0.560" |
| <b>Case Style:</b> | S               |
| <b>Mounting:</b>   | Surface         |

### Environmental Specifications:

|                               |                |
|-------------------------------|----------------|
| <b>Operating Temperature:</b> | -55°C to +90°C |
|-------------------------------|----------------|

