

# CentricRF™

## C1040-30 SMA Directional 30 dB Coupler 1-4 GHz

Rev 000

### Electrical

|                |                    |
|----------------|--------------------|
| Frequency      | 1-4 GHz            |
| VSWR           | 1.20 Max           |
| Impedance      | 50 Ohms            |
| Coupling       | 30 dB $\pm$ 1.0 dB |
| Flatness       | $\pm$ 0.7 dB       |
| Insertion Loss | 0.4 dB Max         |
| Directivity    | 20 dB Min          |
| Power Handling | 50W CW             |

### Mechanical

|                       |                |
|-----------------------|----------------|
| SMA Interface per     | MIL-STD-348B   |
| Operating Temperature | -55°C to +85°C |

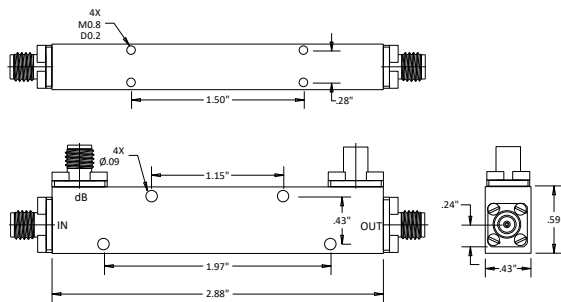
### Materials

|                 |                   |
|-----------------|-------------------|
| Contacts        | BeCu              |
| Contact Plating | Au 30 $\mu$ " Min |

ROHS Compliant



### Outline



#### Dimensional Tolerances

|      |            |
|------|------------|
| .X   | $\pm$ .030 |
| .XX  | $\pm$ .010 |
| .XXX | $\pm$ .005 |

### Typical Data

