



## C3W2-XX SMA/Male to SMA/Female 3 GHZ 2 Watt Attenuator

Rev 001

|                       |                 |
|-----------------------|-----------------|
| <b>Electrical</b>     |                 |
| Frequency             | 0-3 GHZ         |
| VSWR                  | 1.20 Max        |
| Impedance             | 50 Ohms         |
| <b>Mechanical</b>     |                 |
| SMA Interface per     | MIL-STD-348B    |
| Operating Temperature | -55°C to +125°C |
| <b>Materials</b>      |                 |
| Body                  | Au plated Brass |
| Contact               | BeCu            |
| Contact Plating       | Au              |
| Dielectric            | PTFE            |
| ROHS Compliant        |                 |



| Power Handling |   |
|----------------|---|
| Average        | 2 Watts at 25°C, derated linearly to 0.2 watts at 125°C |

| Attenuation Accuracy |          |
|----------------------|----------|
|                      | DC-3 GHZ |
| 1-10, 20 dB          | ±0.3 dB  |
| 12-15, 30 dB         | ±0.5 dB  |

| <p><b>Outline</b></p> <p>0.96" (1-10 dB)<br/>1.05" (12-30 dB)</p> <p>Dimensional Tolerances</p> <table border="1"> <tr> <td>.X</td> <td>±.030</td> </tr> <tr> <td>.XX</td> <td>±.010</td> </tr> <tr> <td>.XXX</td> <td>±.005</td> </tr> </table> | .X      | ±.030         | .XX     | ±.010 | .XXX | ±.005 | Related Links |  |  |  |
|--|---------|---------------|---------|-------|------|-------|---------------|--|--|--|
|  | .X      | ±.030         |         |       |      |       |               |  |  |  |
| .XX  | ±.010   |               |         |       |      |       |               |  |  |  |
| .XXX   | ±.005   |               |         |       |      |       |               |  |  |  |
| Typical Data   |         | Product Links |         |       |      |       |               |  |  |  |
| C3W2-0   | C3W2-8  | C3W2-0        | C3W2-8  |       |      |       |               |  |  |  |
| C3W2-1   | C3W2-9  | C3W2-1        | C3W2-9  |       |      |       |               |  |  |  |
| C3W2-2   | C3W2-10 | C3W2-2        | C3W2-10 |       |      |       |               |  |  |  |
| C3W2-3   | C3W2-12 | C3W2-3        | C3W2-12 |       |      |       |               |  |  |  |
| C3W2-4   | C3W2-15 | C3W2-4        | C3W2-15 |       |      |       |               |  |  |  |
| C3W2-5   | C3W2-20 | C3W2-5        | C3W2-20 |       |      |       |               |  |  |  |
| C3W2-6   | C3W2-30 | C3W2-6        | C3W2-30 |       |      |       |               |  |  |  |
| C3W2-7   |         | C3W2-7        |         |       |      |       |               |  |  |  |