

# COAXIAL TERMINATIONS CONDUCTION COOLED SMA CONNECTORS CONNECTORS



## General Specifications

Impedance: 50 Ohms  
 Temperature Coefficient:  $\pm 100$  PPM/ $^{\circ}\text{C}$   
 from  $-55^{\circ}\text{C}$  to  $+100^{\circ}\text{C}$ .  
 Temperature Range:  $-55^{\circ}\text{C}$  to  $+150^{\circ}\text{C}$   
 Housing: Nickel Plated Copper  
 Connector Body: Conforms to MIL-C-39012



| Part Number | Connector Type | Frequency (GHz)               | VSWR (max)                 | Power (W) | Mechanical Outline |
|-------------|----------------|-------------------------------|----------------------------|-----------|--------------------|
| RCX-SX15A   | SMA            | DC-4.0<br>4.0-8.0<br>8.0-12.0 | 1.15:1<br>1.25:1<br>1.30:1 | 15        | <p>Male</p>        |
| RCX-SX15B   | SMA            | DC-4.0<br>4.0-8.0<br>8.0-12.0 | 1.25:1<br>1.30:1<br>1.35:1 |           |                    |
| RCX-SX15C   | SMA            | DC-8.0                        | 1.25:1                     | 15        | <p>Female</p>      |
| RCX-SX15D   | SMA            |                               |                            |           |                    |
| RCX-SX20A   | SMA            | DC-1.0<br>1.0-3.0             | 1.15:1<br>1.25:1           | 20        | <p>Male</p>        |
| RCX-SX20B   | SMA            | DC-3.0<br>3.0-5.0             | 1.25:1<br>1.35:1           |           |                    |
|             |                |                               |                            |           | <p>Female</p>      |

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Dimensions are in inches [mm], Tolerance: .XXX =  $\pm 0.010$ , .XX =  $\pm 0.015$



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## General Specifications

Impedance: 50 Ohms

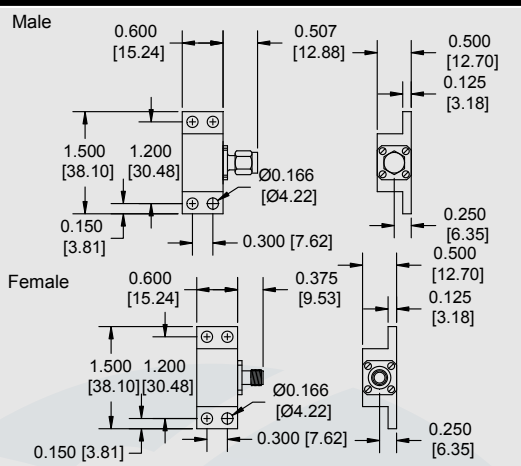
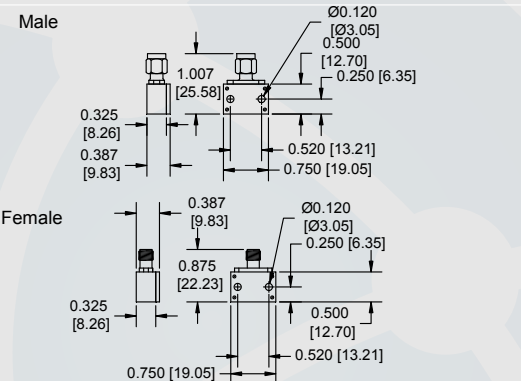
Temperature Coefficient:  $\pm 100$  PPM/ $^{\circ}$ C maximum from  
-55 $^{\circ}$ C to +100 $^{\circ}$ C.

Temperature Range: -55 $^{\circ}$ C to +150 $^{\circ}$ C

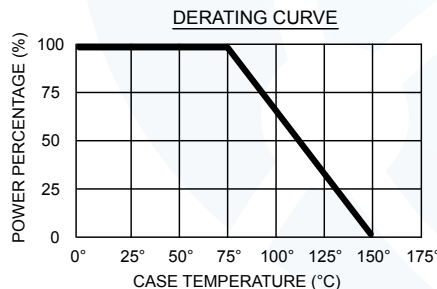
Housing: Nickel Plated Copper

Connector Body: Conforms to MIL-C-39012



| Part Number | Connector Type | Frequency (GHz)                 | VSWR (max)                 | Power (W) | Mechanical Outline   |
|-------------|----------------|---------------------------------|----------------------------|-----------|--|
| RCX-SX30A   | SMA            | DC-4.0<br>4.0-8.0<br>8.0-12.0   | 1.20:1<br>1.25:1<br>1.30:1 | 30        |   |
| RCX-SX30B   | SMA            | DC-8.0<br>8.0-12.0<br>12.0-18.0 | 1.25:1<br>1.30:1<br>1.35:1 |           |  |
| RCX-SX30C   | SMA            | DC-8.0                          | 1.30:1                     |           |  |
| RCX-SX30D   | SMA            | DC-4.0                          | 1.20:1                     |           |  |
| RCX-SX51A   | SMA            | DC-2.0<br>2.0-4.0               | 1.15:1<br>1.25:1           | 50        |  |
| RCX-SX52B   | SMA            | DC-2.0                          | 1.15:1                     |           |  |

Dimensions are in inches [mm]  
Tolerance: .XXX =  $\pm 0.010$   
.XX =  $\pm 0.015$



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# COAXIAL TERMINATIONS CONDUCTION COOLED SMA CONNECTORS CONNECTORS



## General Specifications

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 Temperature Range:  $-55^{\circ}\text{C}$  to  $+150^{\circ}\text{C}$   
 Housing: Nickel Plated Copper  
 Resistive Element: Proprietary film  
 Connector Body: Conforms to MIL-C-39012



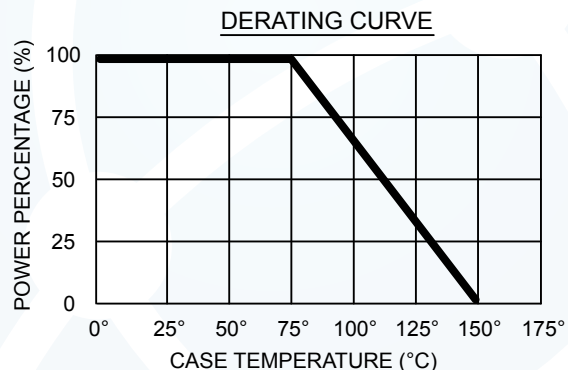
| Part Number | Connector Type | Frequency (GHz)   | VSWR (max)       | Power (W) | Mechanical Outline |
|-------------|----------------|-------------------|------------------|-----------|--------------------|
| RCX50SX     | SMA            | DC-3.0<br>3.0-6.0 | 1.15:1<br>1.25:1 | 50        | Male<br>           |
| RCX100SX    | SMA            |                   |                  | 100       | Female<br>         |

Dimensions are in inches [mm], Tolerance: .XXX =  $\pm 0.010$ , .XX =  $\pm 0.015$

## Ordering Information:

Example: **RCX 100 S X**

Series ————  
 Power (W) ————  
 Connector Type ————  
 S: SMA  
 T: TNC  
 N: N-Type  
 Gender ————  
 M: Male  
 F: Female

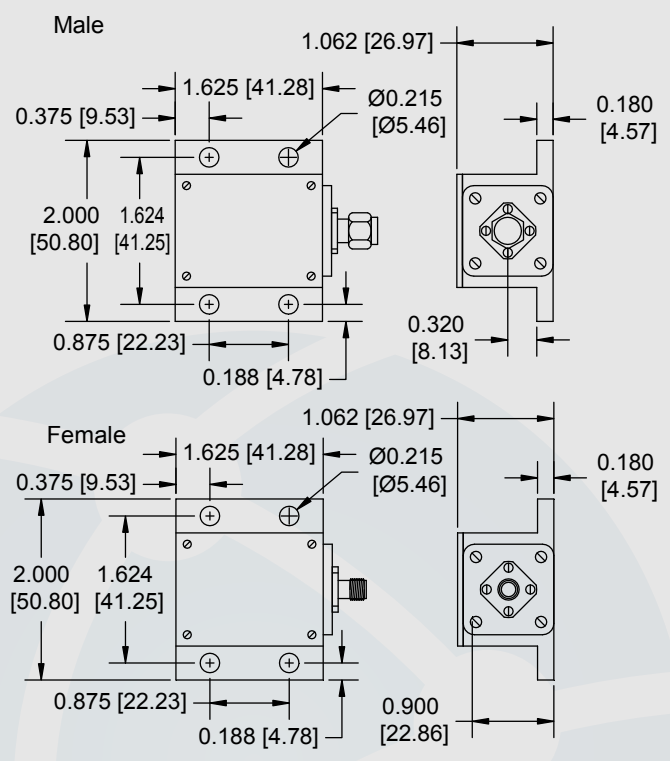


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## General Specifications

Impedance: 50 Ohms  
 Mechanical Tolerance:  $\pm 0.010$  inch unless otherwise specified  
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 Housing: Nickel Plated Copper  
 Resistive Element: Proprietary film  
 Connector Body: Conforms to MIL-C-39012



| Part Number | Connector Type | Frequency (GHz)   | VSWR (max)       | Power (W) | Mechanical Outline  |
|-------------|----------------|-------------------|------------------|-----------|---|
| RCX150SX    | SMA            | DC-3.0<br>3.0-6.0 | 1.20:1<br>1.30:1 | 150 W     |  |
| RCX-250SX   | SMA            |                   |                  | 250 W     |   |

Dimensions are in inches [mm], Tolerance: .XXX =  $\pm 0.010$ , .XX =  $\pm 0.015$

### Ordering Information:

Example: **RCX 250 S X**

Series ————  
 Power (W) ————  
 Connector Type ————  
 S: SMA  
 T: TNC  
 N: N-Type  
 Gender ————  
 M: Male  
 F: Female

