

COAXIAL TERMINATIONS CONDUCTION COOLED SMA CONNECTORS CONNECTORS



General Specifications

Impedance: 50 Ohms
 Temperature Coefficient: ± 100 PPM/ $^{\circ}$ C
 from -55° C to $+100^{\circ}$ C.
 Temperature Range: -55° 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-SX15A	SMA	DC-4.0 4.0-8.0 8.0-12.0	1.15:1 1.25:1 1.30:1	15	Male
RCX-SX15B	SMA	DC-4.0 4.0-8.0 8.0-12.0	1.25:1 1.30:1 1.35:1		
RCX-SX15C	SMA	DC-8.0	1.25:1	15	Female
RCX-SX15D	SMA				
RCX-SX20A	SMA	DC-1.0 1.0-3.0	1.15:1 1.25:1	20	Male
RCX-SX20B	SMA	DC-3.0 3.0-5.0	1.25:1 1.35:1		
					Female

[Ordering Information on page 68](#)

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



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Impedance: 50 Ohms

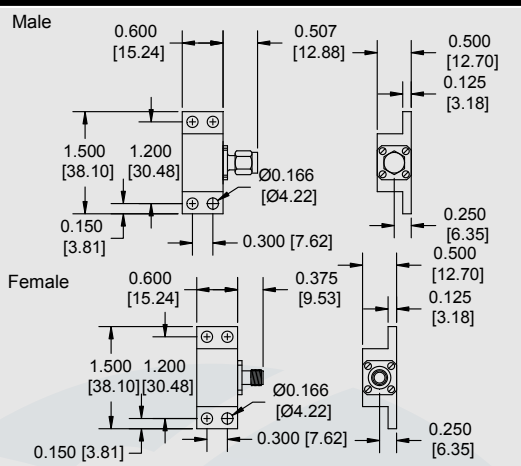
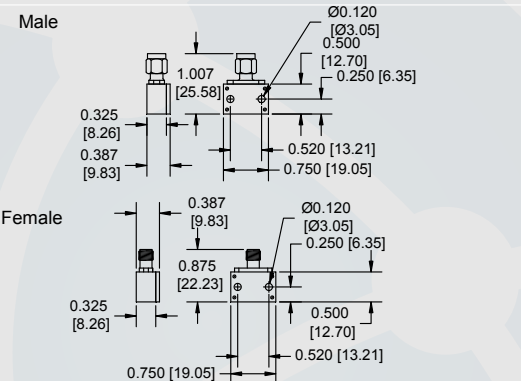
Temperature Coefficient: ± 100 PPM/ $^{\circ}\text{C}$ maximum from
-55 $^{\circ}\text{C}$ to +100 $^{\circ}\text{C}$.

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

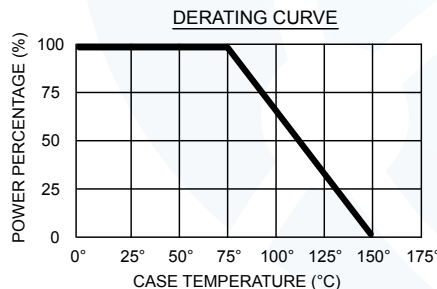
Housing: Nickel Plated Copper

Connector Body: Conforms to MIL-C-39012



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

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General Specifications

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 Temperature Range: -55°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 3.0-6.0	1.15:1 1.25:1	50	Male
RCX100SX	SMA			100	Female

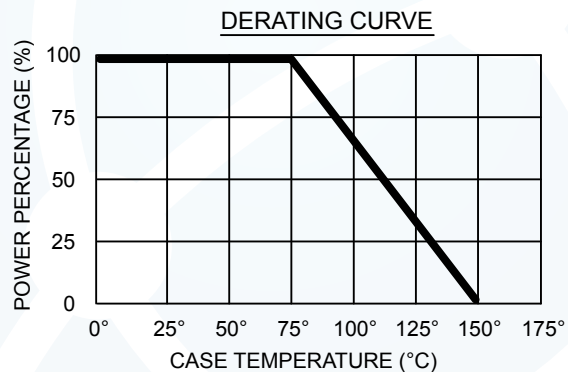
Dimensions are in inches [mm], Tolerance: .XXX = ± 0.010 , .XX = ± 0.015

Ordering Information:

Example: **RCX 100 S X**

Series \rightarrow RCX
 Power (W) \rightarrow 100
 Connector Type \rightarrow S
 Gender \rightarrow X

S: SMA
 T: TNC
 N: N-Type
 M: Male
 F: Female

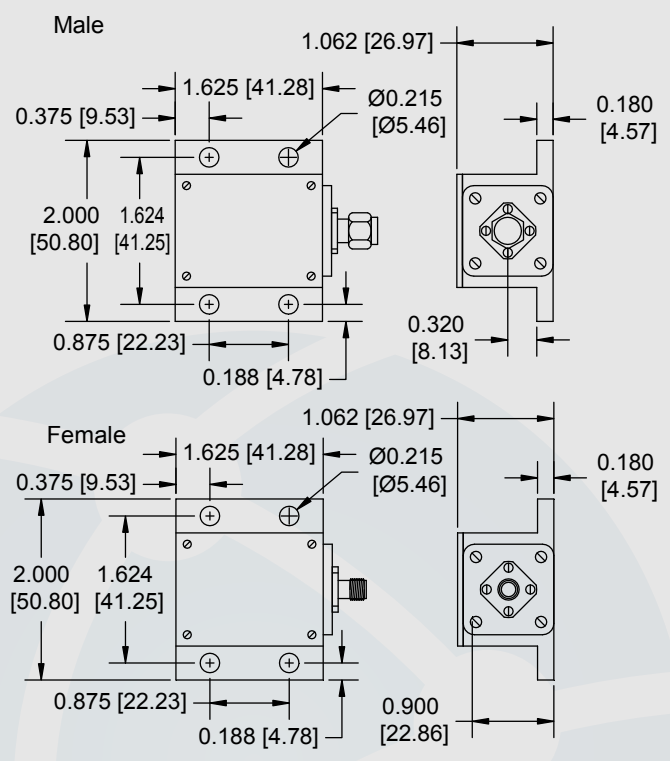


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General Specifications

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



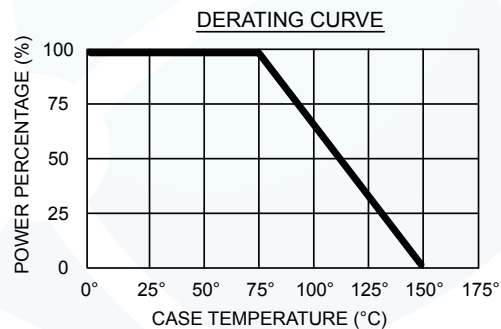
Part Number	Connector Type	Frequency (GHz)	VSWR (max)	Power (W)	Mechanical Outline
RCX150SX	SMA	DC-3.0 3.0-6.0	1.20:1 1.30:1	150 W	
RCX-250SX	SMA			250 W	

Dimensions are in inches [mm], Tolerance: .XXX = ± 0.010 , .XX = ± 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



COAXIAL TERMINATIONS CONDUCTION COOLED TNC, & N-TYPE CONNECTORS



General Specifications

Impedance: 50 Ohms
 Mechanical Tolerance: ± 0.010 inch unless otherwise specified
 Temperature Coefficient: ± 100 PPM/ $^{\circ}\text{C}$ maximum from -55°C to $+100^{\circ}\text{C}$.
 Temperature Range: -55°C to $+150^{\circ}\text{C}$
 Housing: Nickel Plated Copper



Part Number	Connector Type	Frequency (GHz)	VSWR (max)	Power (W)	Mechanical Outline
RCX100TX	TNC	DC-3.0	1.25:1	100	
RCX150TX	TNC	DC-1.0 1.0-2.0 2.0-3.0	1.10:1 1.15:1 1.30:1	150	
RCX250TX	TNC			250	
RCX250NX	N-TYPE	DC-5.0	1.25:1	250	

Ordering Information:

Example: **RCX 100 T X**

Series ———— ↑
 Power (W) ———— ↑
 Connector Type ———— ↑
 B: TNC
 N: N-Type
 Gender ———— ↑
 M: Male
 F: Female

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

