SMA TERMINATIONS

1 WATT

MATERIAL SPECIFICATIONS

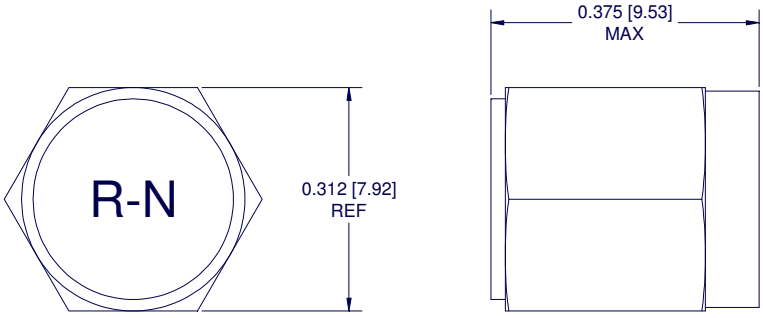
Housing	Nickel Plated Stainless Steel (Gold Plated available upon request)
Resistive Element	Thin Film
Substrate	Beryllium Oxide
SMA Connector	Nut: Passivated Stainless Steel Pin: Gold Plated Brass

ELECTRICAL SPECIFICATIONS

Resistance and Tolerance	50 Ohms ±5%
Temperature Range	-55℃ to +125℃
Power Rating	1 Watt

Mechanical Dimensions

Tolerances:
.xxx = 0.005
.xx = 0.010



PART NUMBER	FREQUENCY RANGE (DC TO MAX)	VSWR (MAX)
RCX1SM	12 GHz	1.25:1
RCX2SM	18 GHz	1.25:1
RCX3SM	12 GHz	1.15:1
RCX4SM	20 GHz	1.15:1
RCX5SM	8 GHz	1.15:1
RCX6SM	4 GHz	1.15:1
RCX7SM	26.5 GHz	1.35:1

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SMA COAXIAL TERMINATIONS

2 WATTS

MATERIAL SPECIFICATIONS

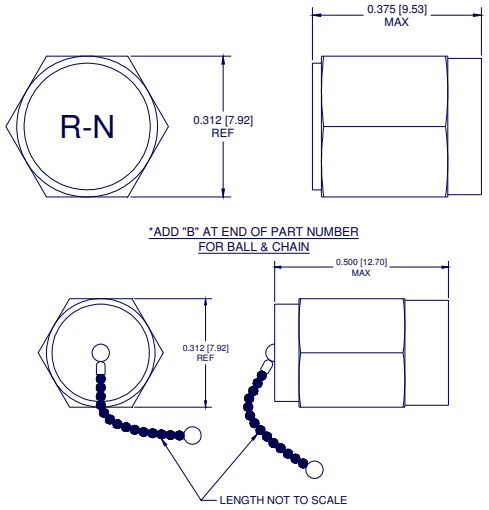
Housing	Nickel Plated Stainless Steel (Gold Plated available upon request)
Resistive Element	Thin Film
Substrate	Beryllium Oxide
SMA Connector	Nut: Passivated Stainless Steel Pin: Gold Plated Brass

ELECTRICAL SPECIFICATIONS

Resistance and Tolerance	50 Ohms ±5%
Temperature Range	-55℃ to +125℃
Power Rating	2 Watts

Mechanical Dimensions

Tolerances:
.xxx = 0.005
.xx = 0.010



PART NUMBER*	FREQUENCY RANGE (DC TO MAX)	VSWR (MAX)
RCX1SM2	12 GHz	1.25:1
RCX2SM2	18 GHz	1.25:1
RCX3SM2	12 GHz	1.15:1
RCX4SM2	20 GHz	1.15:1
RCX5SM2	8 GHz	1.15:1
RCX6SM2	4 GHz	1.15:1
RCX7SM2	26.5GHz	1.35:1

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SMA COAXIAL TERMINATIONS

5 WATTS

MATERIAL SPECIFICATIONS

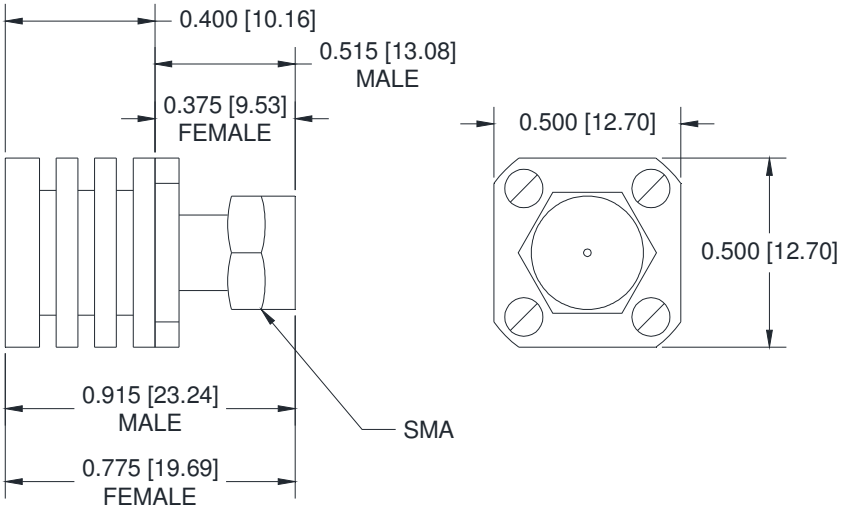
Housing	Nickel Plated Aluminum
Resistive Element	Thin Film
Substrate	Beryllium Oxide
SMA Connector	Passivated Stainless Steel or Gold plated

ELECTRICAL SPECIFICATIONS

Resistance and Tolerance	50 Ohms ±5%
Temperature Range	-55℃ to +125℃
Power Rating	5 Watts

Mechanical Dimensions

Tolerances:
.xxx = 0.005
.xx = 0.010



PART NUMBER	CONNECTOR TYPE	VSWR (MAX)
RCX-SF5A	SMA FEMALE	DC TO 4GHz 1.15:1 4 TO 8GHz 1.25:1 8 TO 12GHz 1.30:1
RCX-SM5A	SMA MALE	
RCX-SF5B	SMA FEMALE	DC TO 8GHz 1.20:1 8 TO 12GHz 1.25:1 12 TO 18GHz 1.30:1
RCX-SM5B	SMA MALE	
RCX-SF5C	SMA FEMALE	DC TO 8GHz 1.20:1
RCX-SM5C	SMA MALE	DC TO 8GHz 1.20:1
RCX-SF5D	SMA FEMALE	DC TO 4GHz 1.15:1
RCX-SM5D	SMA MALE	DC TO 4GHz 1.15:1
RCX-SF5E	SMA FEMALE	DC TO 26GHz 1.25:1

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SMA TERMINATIONS

15 WATTS

MATERIAL SPECIFICATIONS

Housing	Black Anodized Aluminum
Resistive Element	Thin Film
Substrate	Beryllium Oxide
SMA Connector	Passivated Stainless Steel or Gold plated

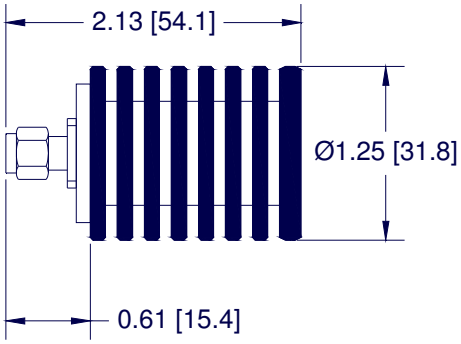
ELECTRICAL SPECIFICATIONS

Resistance and Tolerance	50 Ohms ±5%
Temperature Range	-55℃ to +125℃
Power Rating	15 Watts

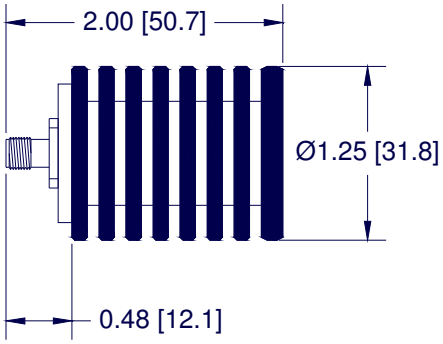
Mechanical Dimensions

Tolerances:
.xxx = 0.005
.xx = 0.010

MALE



FEMALE



PART NUMBER	CONNECTOR TYPE	VSWR (MAX)
RFT15SFA	SMA FEMALE	DC TO 4GHz 1.15:1 4 TO 8GHz 1.25:1 8 TO 12GHz 1.30:1
RFT15SMA	SMA MALE	
RFT15SFB	SMA FEMALE	DC TO 8GHz 1.20:1 8 TO 12GHz 1.25:1 12 TO 18GHz 1.30:1
RFT15SMB	SMA MALE	
RFT15SFC	SMA FEMALE	DC TO 8GHz 1.20:1
RFT15SMC	SMA MALE	DC TO 8GHz 1.20:1
RFT15SFD	SMA FEMALE	DC TO 4GHz 1.15:1
RFT15SMD	SMA MALE	DC TO 4GHz 1.15:1

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SMA TERMINATIONS

25 WATTS

MATERIAL SPECIFICATIONS

Housing	Black Anodized Aluminum
Resistive Element	Thin Film
Substrate	Beryllium Oxide
SMA Connector	Passivated Stainless Steel or Gold Plated

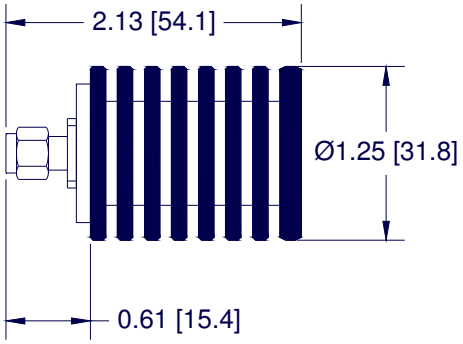
ELECTRICAL SPECIFICATIONS

Resistance and Tolerance	50 Ohms ±5%
Temperature Range	-55℃ to +125℃
Power Rating	25 Watts

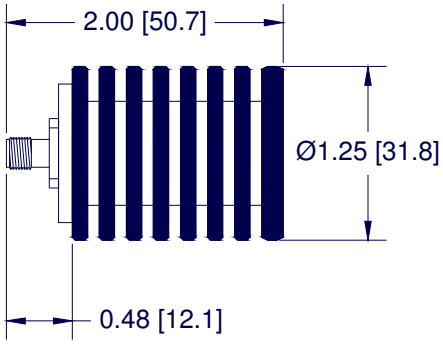
Mechanical Dimensions

Tolerances:
.xxx = 0.005
.xx = 0.010

MALE



FEMALE



PART NUMBER	CONNECTOR TYPE	VSWR (MAX)
RFT25SFA	SMA FEMALE	DC TO 4GHz 1.15:1 4 TO 8GHz 1.25:1 8 TO 12GHz 1.30:1
RFT25SMA	SMA MALE	
RFT25SFB	SMA FEMALE	DC TO 8GHz 1.20:1 8 TO 12GHz 1.25:1 12 TO 18GHz 1.30:1
RFT25SMB	SMA MALE	
RFT25SFC	SMA FEMALE	DC TO 8GHz 1.20:1
RFT25SMC	SMA MALE	DC TO 8GHz 1.20:1
RFT25SFD	SMA FEMALE	DC TO 4GHz 1.15:1
RFT25SMD	SMA MALE	DC TO 4GHz 1.15:1

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SMA TERMINATIONS

50 WATTS

MATERIAL SPECIFICATIONS

Housing	Black Anodized Aluminum
Resistive Element	Thin Film
Substrate	Beryllium Oxide
SMA Connector	Passivated Stainless Steel or Gold Plated

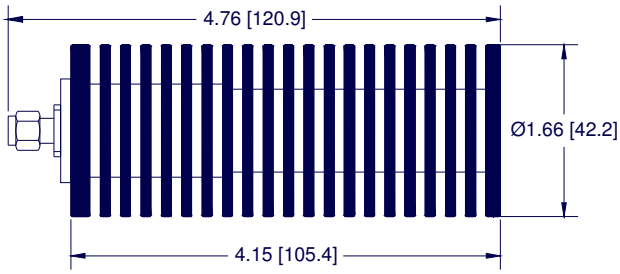
ELECTRICAL SPECIFICATIONS

Resistance and Tolerance	50 Ohms ±5%
Temperature Range	-55℃ to +125℃
Power Rating	50 Watts

Mechanical Dimensions

Tolerances:
.xxx = 0.005

MALE



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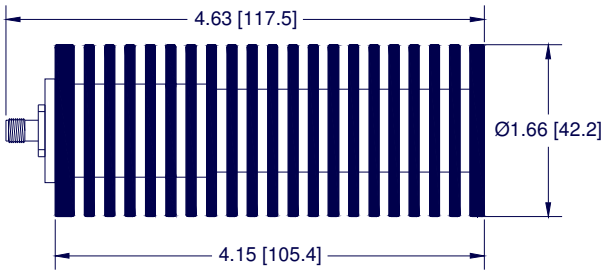

PART NUMBER	CONNECTOR TYPE	VSWR (MAX)
RFT50SFC	SMA FEMALE	DC TO 8GHz 1.20:1
RFT50SMC	SMA MALE	DC TO 8GHz 1.20:1
RFT50SFD	SMA FEMALE	DC TO 4GHz 1.15:1
RFT50SMD	SMA MALE	DC TO 4GHz 1.15:1
RFT50SFE	SMA FEMALE	DC TO 2GHz 1.10:1
RFT50SME	SMA MALE	DC TO 2GHz 1.10:1

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SMA TERMINATIONS

100 WATTS

MATERIAL SPECIFICATIONS

Housing	Black Anodized Aluminum
Resistive Element	Thin Film
Substrate	Beryllium Oxide
SMA Connector	Passivated Stainless Steel or Gold plated

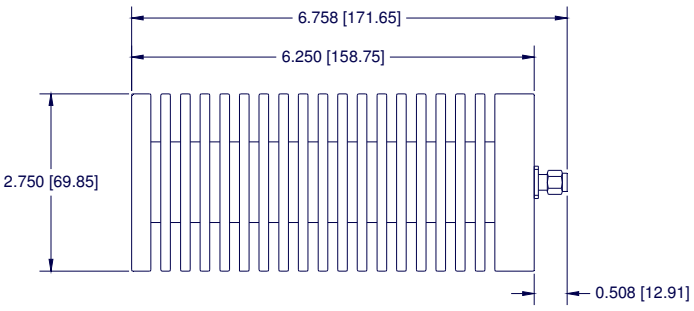
ELECTRICAL SPECIFICATIONS

Resistance and Tolerance	50 Ohms ±5%
Temperature Range	-55℃ to +125℃
Power Rating	100 Watts

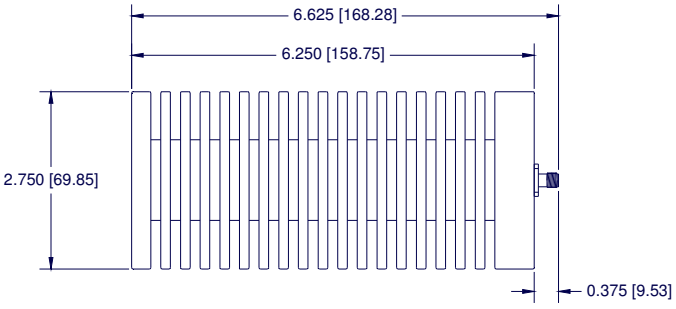
Mechanical Dimensions

Tolerances:
.xxx = 0.005
.xx = 0.010

MALE



FEMALE



PART NUMBER	CONNECTOR TYPE	VSWR (MAX)
RFT100SFD	SMA FEMALE	DC TO 4GHz 1.15:1
RFT100SMD	SMA MALE	DC TO 4GHz 1.15:1
RFT100SFE	SMA FEMALE	DC TO 2GHz 1.10:1
RFT100SME	SMA MALE	DC TO 2GHz 1.10:1

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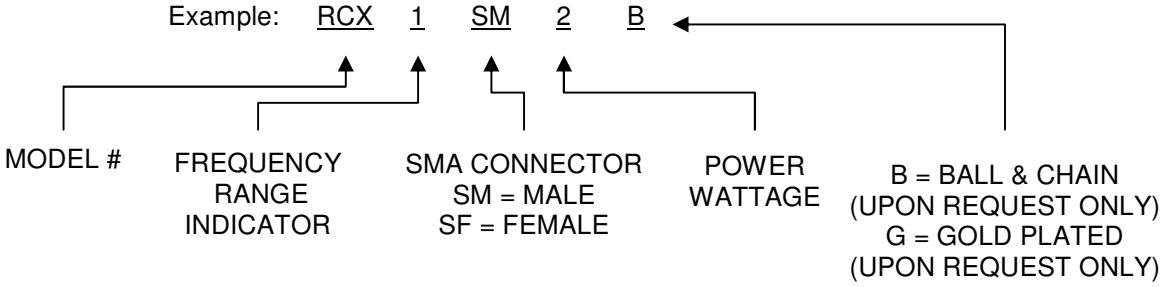
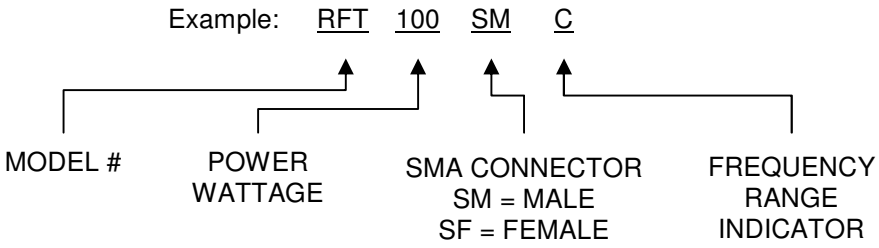
SMA TERMINATIONS

ORDERING INFORMATION

FOR RCX MODELS



FOR RFT MODELS



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