

18 AND 23 GHz 2 WATTS

Electrical:

Standard Freq. Values _____ 18 & 23 GHz

Attenuation Accuracy:	DC-18 GHz	18-23 GHz
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0, and 2 - 6 dB _____ ± 0.3 dB _____ ± 0.4 dB

21 - 30 dB _____ ± 0.75 dB _____ ± 0.8 dB

@ 30 MHz _____ 1.05:1 Max.

4 - 8 GHz _____ 1.20:1 Max.

12.4 - 18 GHz _____ 1.35:1 Max.

18 - 23 GHz _____ 1.40:1 Max.

Input Power _____ 2 Watts Avg. @ 25°C

DERATED LINEARLY TO 0.5 WATTS @ +125°C

Peak Power _____ 250 Watts Max.

(5uSec Pulse, .05% Duty Cycle)

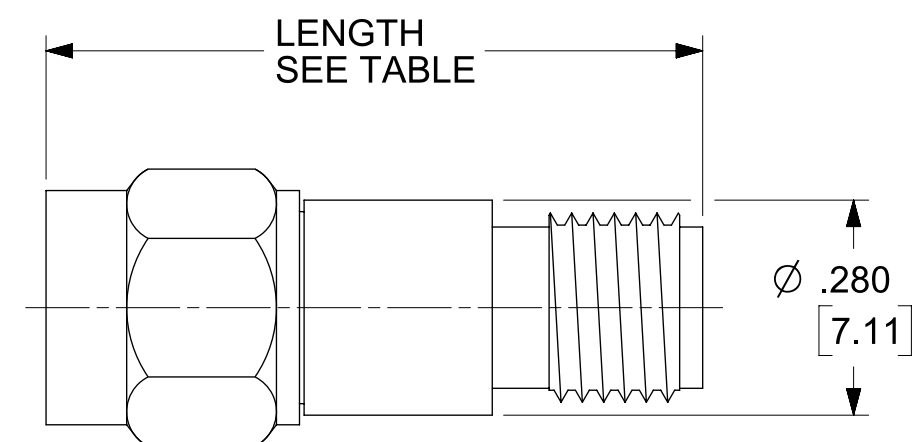
Impedance	50 Ohms
Operating Temperature	-55°C to +125°C

Operating Temp Range _____ -65 °C to +125 °C

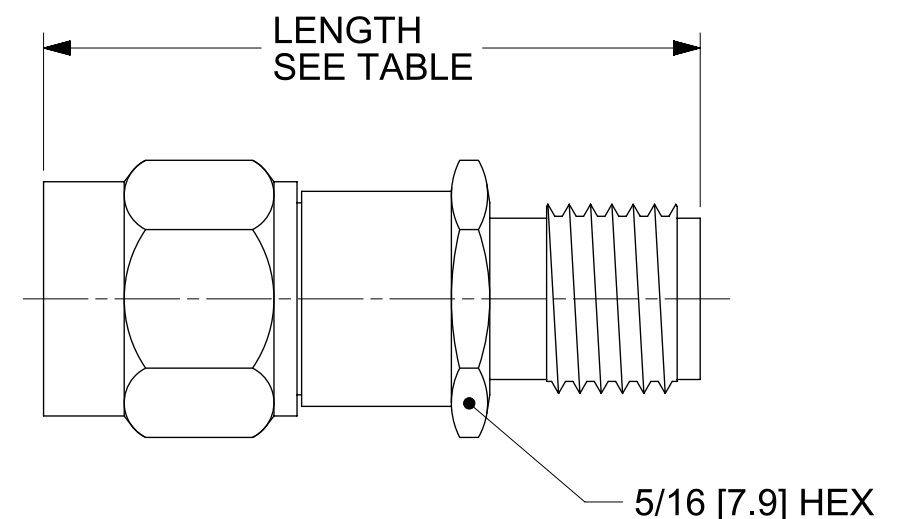
Mechanical:

SMA Connectors _____ Passivated Stainless Steel

Mates with MIL-STD-348



MALE/FEMALE WITHOUT HEX
SEE TABLE FOR CONFIGURATION OPTIONS



MALE/FEMALE WITH HEX
SEE TABLE FOR CONFIGURATION OPTIONS

	LENGTH			
Connector Configuration	0 - 12 dB		13 - 30 dB	
	Inches	Millimeters	Inches	Millimeters
Male/Female	.86 ±.03	[21.8 ±0.8]	.99 ±.03	[25.1 ±0.8]
Male/Male	.98 ±.03	[24.9 ±0.8]	1.11 ±.03	[28.2 ±0.8]
Female/Female	.87 ±.03	[22.1 ±0.8]	1.00 ±.03	[25.4 ±0.8]

MALE/MALE AND FEMALE/FEMALE CONFIGURATIONS NOT SHOWN

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
	DIMENSION UNITS		SCALE		CURRENT REV DESC: CREATED		molex 18 AND 23GHz, 2 WATT SMA ATTENUATORS PRODUCT SALES DRAWING					
	INCH/MM		NTS									
	GENERAL TOLERANCES (UNLESS SPECIFIED)											
		MM	INCH		STATUS: Production DRWN: Kevin Tagan 2024-03-18 CHK'D: Les Meier 2024-03-26 APPR: James Borrelli 2024-03-26		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
	4 PLACES	±	±				732870000		PSD	000	A	
	3 PLACES	±	±				SEE TABLE		GENERAL MARKET		SHEET NUMBER 1 OF 3	
	2 PLACES	±	±									
	1 PLACE	±	±									
	0 PLACES	±	±		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
ANGULAR TOL		0° 0.5°		THIRD ANGLE PROJECTION		DRAWING	SERIES					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				C-SIZE		73287						

[illegible]

[illegible]