

2.92mm ATTENUATORS

2.92mm ATTENUATORS

SPECIFICATIONS:

Electrical:

Electrical:

Frequency Range _____ DC – 40 GHz

Standard Freq. Values _____ 26.5 & 40 GHz

Standard dB Values _____ 0, 3, 6, 10, 20 & 30 dB

Attenuation Accuracy: DC – 26.5 GHz 26.5 – 40 GHz

0, 3 & 6 dB _____ ± 0.5 dB _____ ± 0.8 dB

10 & 20 dB _____ ± 0.6 dB _____ ± 1.0 dB

30 dB _____ ± 0.8 dB _____ ± 1.0 dB

VSWR:

VSWR:

DC	—	18 GHz	_____	1.30:1	Max.
18	—	40 GHz	_____	1.40:1	Max.

Input Power _____ See Below

Impedance _____ 50 Ohms

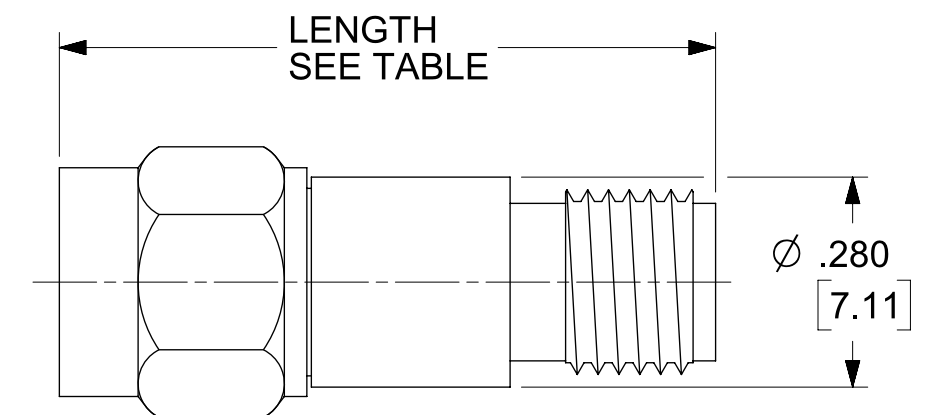
Operating Temp Range _____ -65°C to $+125^{\circ}\text{C}$

RF Leakage _____ 90 dB Min

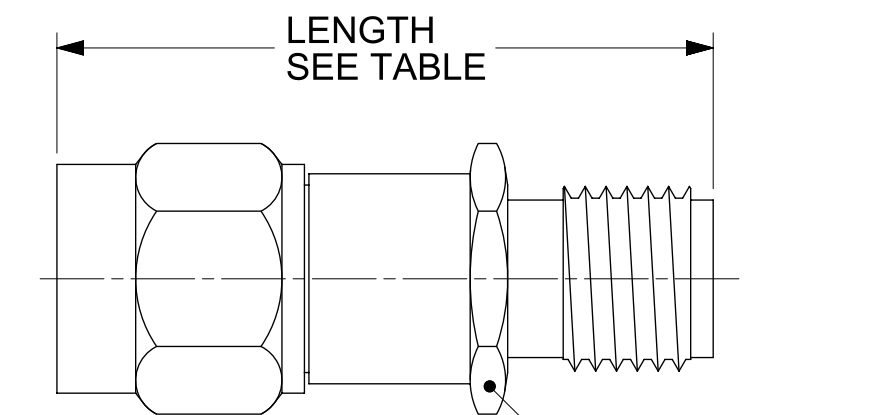
Mechanical:

Mechanical:
2.9mm Connectors _____ Passivated Stainless Steel
(Mate both Mechanically & Electrically with
all SMA, K* & 3.5mm Series Connectors.)

Mechanical:
2.9mm Connectors _____ Passivated Stainless Steel
(Mate both Mechanically & Electrically with
all SMA, K* & 3.5mm Series Connectors.)
Conductors _____ Gold Plated Beryllium Copper



WITHOUT HEX



WITH HEX

— 5/16 [7.9] HEX

26.5 GHz Attenuators

dB Value	LENGTH	
	Inches	Millimeters
0 – 12 dB	.88 ± .05	[22.4 ± 1.3]
13 – 30 dB	1.01 ± .05	[25.7 ± 1.3]

Input Power _____ 2 Watt Avg. @ 25°C
DERATED LINEARLY TO 0.5 WATTS @ +125°C

40 GHz Attenuators

dB Value	LENGTH	
	Inches	Millimeters
0 – 30 dB	.88 ± .05	[22.4 ± 1.3]

Input Power _____ 0.5 Watts Avg. @ 25°C
DERATED LINEARLY TO 0.1 WATTS @ +125°C

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
F_A = 0	DIMENSION UNITS	SCALE		CURRENT REV DESC: RELEASED						molex 26.5 AND 40GHz 2.92 ATTENUATORS PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER 732870300 DOC TYPE PSD DOC PART 000 REVISION A					
	INCH/MM	NTS													
F_C = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)														
F_P = 0		MM	INCH												
DIVISIONAL SYMBOLS	4 PLACES	±	±	STATUS: Production DRWN: Kevin Tagan 2024-06-25 CHK'D: Les Meier 2024-06-27 APPR: James Borrelli 2024-06-27											
	3 PLACES	±	±												
	2 PLACES	±	±												
	1 PLACE	±	±												
	0 PLACES	±	±												
ANGULAR TOL		± 0.5°													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						C-SIZE		73287		SEE TABLE		GENERAL MARKET		1 OF 2	

* K is a trademark of Anritsu/Wiltron Corp.

