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MATERIAL & FINISH:

- 1 BODY: BRASS, GOLD PLATED
- 2 CENTER CONTACT: BERYLLIUM COPPER ALLOY, GOLD PLATED
- 3 INSULATOR: PTFE
- 4 COUPLING NUT: BRASS, GOLD PLATED

ENVIRONMENTAL DATA:

- 1 TEMPERATURE RANGE: -55°C~+125°C
- 2 2011/65/EU(RoHS) AND 2015/863/(RoHS): COMPLIANT
- 3 1907/2006/EC(REACH): COMPLIANT
- 4 WEIGHT: 0.8Kg

ELECTRICAL DATA:

- 1 IMPEDANCE: 50 Ω
- 2 FREQUENCY RANGE: DC~8 GHz
- 3 VSWR: 1.25 MAX.
- 4 AVERAGE POWER: MAXIMUM POWER 100 WATTS AVERAGE TO 25°C AMBIENT TEMPERATURE, DERATED LINEARLY TO 10W @ 125°C
- 5 PEAK POWER: MAXIMUM POWER 5000 W (1μS PULSE WIDTH WITH THE MAXIMUM 1% DUTY CYCLE)
- 6 ATTENUATOR ACCURACY: SEE TABLE

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	03/22/23	J.Q

D

D

C

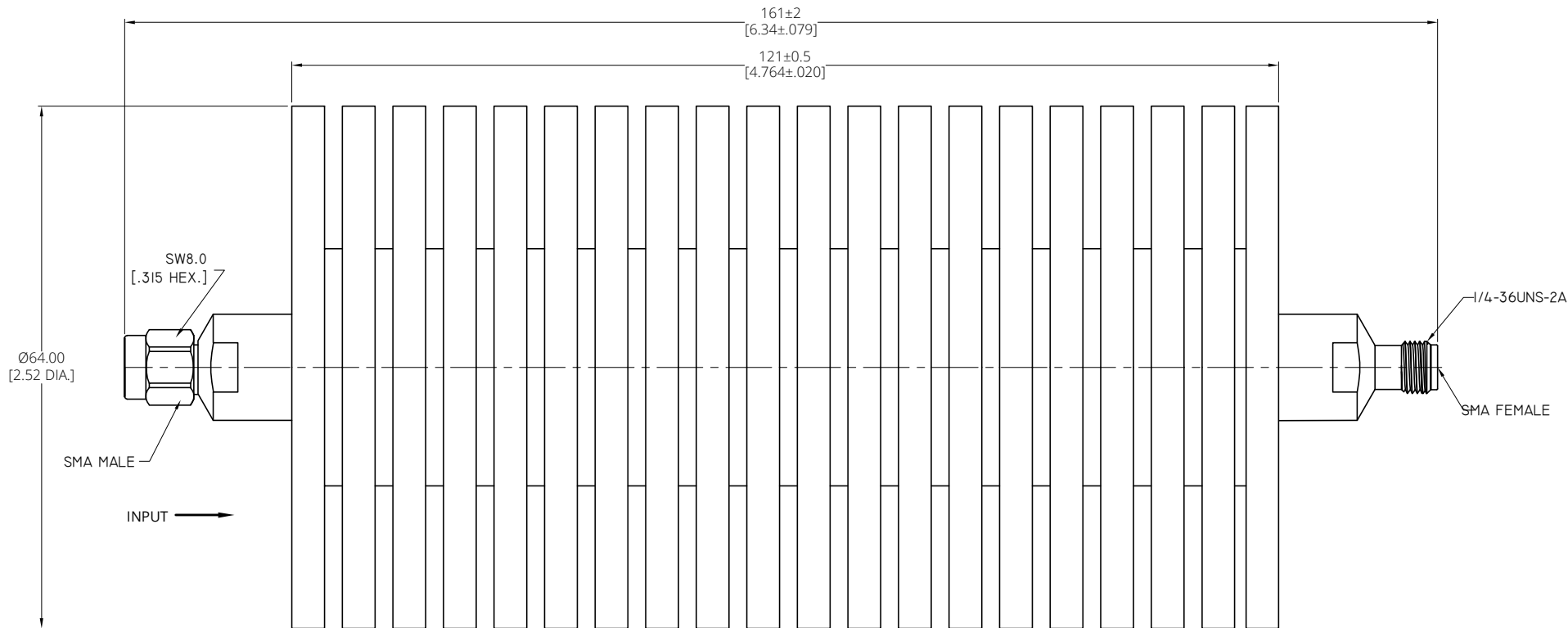
C

B

B

A

A



PART NO.	ATTENUATION VALUES & ACCURACY				
	6 dB~10dB	20 dB	30 dB	40 dB	50 dB~70dB
ANO 21-10003-XX	±0.8 dB	±0.8 dB	±0.9 dB	±0.9 dB	±1.0 dB

DRAWN	W. Y	DATE	03/22/23
CHECKED	X. Y	DATE	03/22/23
APPROVED	J. Q	DATE	03/22/23

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS, DIMENSIONS IN [] ARE IN INCHES FOR CUSTOMER REFERENCE ONLY UNLESS OTHERWISE SPECIFIED TOLERANCE ARE:

XX	±0.13 [005"]
X	±0.20 [008"]
X	±0.50 [019"]
X*	±1°
X*	±2°

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TITLE
ATTENUATOR, SMA MALE TO SMA FEMALE, 100W, UNIDIRECTIONAL, DC-8GHz

VIEW	PART NO. ANO 21-10003-XX	SIZE A3	SCALE 2:1	SHEET 1/1	REV. A
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