

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	07/15/21	J QU

MATERIAL & FINISH:

- 1 BODY: STAINLESS STEEL, PASSIVATED
- 2 CENTER CONTACT: PHOSPHOR BTONZE, GOLD PLATED
- 3 INSULATOR: PTFE

ENVIRONMENTAL DATA:

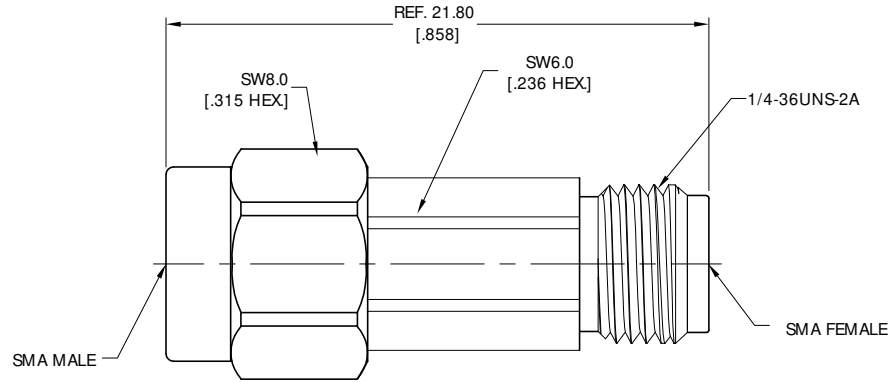
- 1 TEMPERATURE RANGE: -55°C~+125°C
- 2 2011/65/EU (RoHS) AND 2015/863/(RoHS): COMPLIANT
- 3 1907/2006/EC(REACH) AND 1999/45/EC(REACH): COMPLIANT

MECHANICAL DATA:

- 1 RECOMMENDED MATING TORQUE: 100 N.CM

ELECTRICAL DATA:

- 1 IMPEDANCE: 50 Ω
- 2 FREQUENCY RANGE: DC~18 GHz
- 3 VSWR: DC~2 GHz 1.10 MAX.
2 ~ 4 GHz 1.15 MAX.
4 ~ 8 GHz 1.20 MAX.
8 ~ 12.4 GHz 1.25 MAX.
12.4 ~ 18 GHz 1.35 MAX.
- 4 AVERAGE POWER: MAXIMUM POWER 2 WATTS AVERAGE TO 25°C AMBIENT TEMPERATRUE, DERATED LINEARLY TO 0.5W @ 125°C
- 5 PEAK POWER: MAXIMUM POWER 100 W (5μS PLUSE WIDTH WITH THE MAXIMUM 1% DUTY CYCLE)
- 6 ATTENUATOR ACCURACY: SEE TABLE



NOTE: UNI DIRECTIONAL- MALE IS INPUT

PART NO.	ATTENUATION VALUES & ACCURACY				
	0 dB	1 dB ~ 6.5 dB	7 dB ~ 8.5 dB	9 dB ~ 14.5 dB	15 dB ~ 20 dB
ANO 21-0210-XX	0 _{±0.5} dB	±0.3 dB	±0.4 dB	±0.5 dB	±0.6 dB
NOTE: XX REFER TO ATTENUATION VALUE IN dB					

DRAWN	W. YANG	DATE	07/15/21
CHECKED	X. B. YANG	DATE	07/15/21
APPROVED	J QU	DATE	07/15/21
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.XX	±0.13 [.005"]		
.X	±0.20 [.008"]		
X	±0.50 [.019"]		
.X°	±1°		
X°	±2°		



TITLE			
ATTENUATOR SMA MALE TO SMA FEMALE 2 WATT UNI DIRECTIONAL, DC~18GHz			
VIEW	PART NO.		
	ANO 21-0210-XX		
SIZE	SCALE	SHEET	REV.
A3	5:1	1/1	A