

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	11/19/21	J. QU

**MATERIAL & FINISH:**

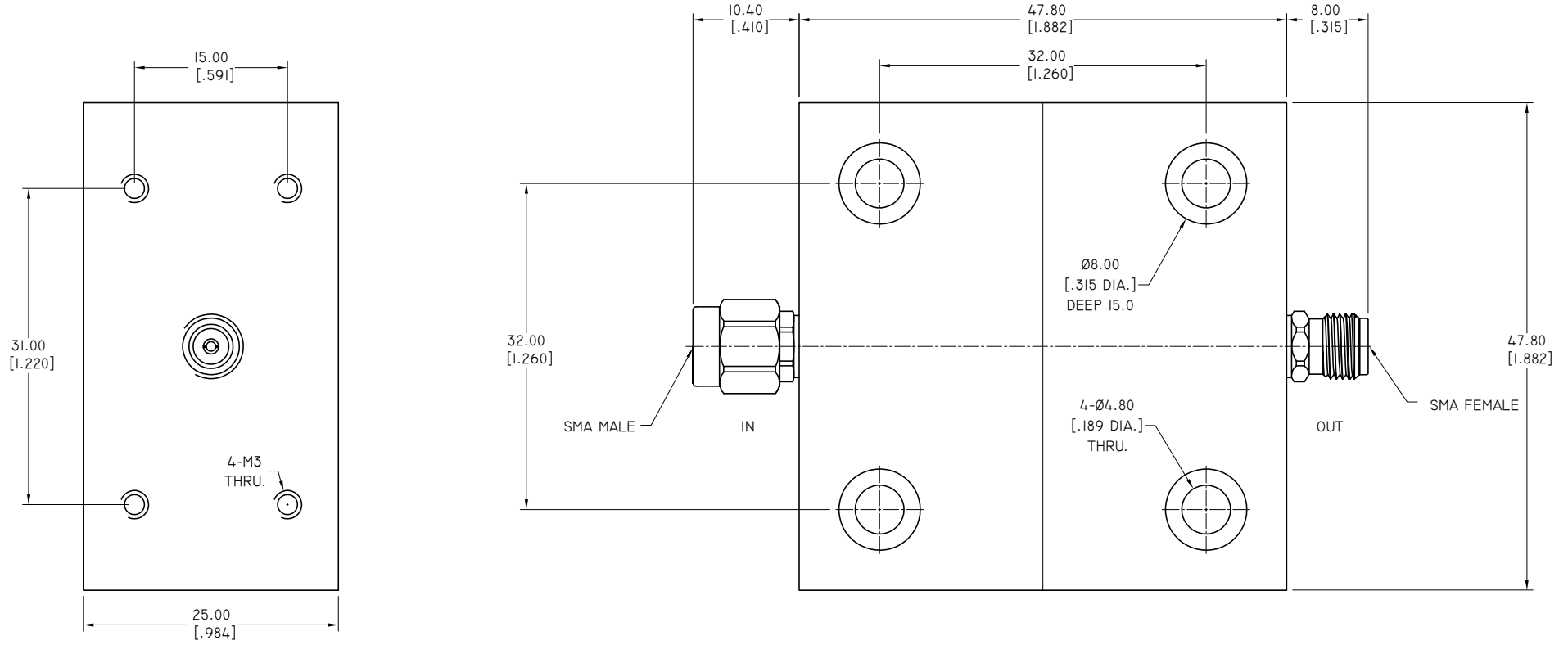
- 1 BODY: STAINLESS STEEL, PASSIVATED
- 2 CENTER CONTACT: BERYLLIUM COPPER ALLOY, GOLD PLATED
- 3 INSULATOR: PEI
- 4 COUPLING NUT: STAINLESS STEEL, PASSIVATED
- 5 RADIATOR: ALUMINIUM, BLACK

**ENVIRONMENTAL DATA:**

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

**ELECTRICAL DATA:**

- 1 IMPEDANCE: 50 Ω
- 2 FREQUENCY RANGE: DC~18 GHz
- 3 VSWR: 1.20 MAX.
- 4 AVERAGE POWER: 50W ON THE LEFT OR 13W ON THE RIGHT CORRESPONDS TO AN AMBIENT TEMPERATURE OF 25°C. WHEN THE AMBIENT TEMPERATURE RISE TO 100°C, THE POWER LINEARLY DECREASES TO 5W OR 2W
- 5 PEAK POWER: MAXIMUM POWER 1000 W (5μS PULSE WIDTH WITH THE MAXIMUM 5% OR 1% DUTY CYCLE)
- 6 ATTENUATOR ACCURACY: SEE TABLE
- 7 WORKING TIME: NO AIR COOLING, ≤5 MINUTES, COOLING TO BELOW 30°C CAN BE USED AGAIN; WHEN THERE IS AIR COOLING, AIR VOLUME ≥30CFM, LONG-TERM WORK



PART NO.	ATTENUATION VALUES & ACCURACY			
	10 DB	20 DB	30 DB	40 DB
ANO 21-5002-XX	+1.8 -1.5 DB	+1.2 -1.0 DB	+1.2 -1.0 DB	+1.2 -1.0 DB

NOTE: XX REFER TO ATTENUATION VALUE IN DB

DRAWN	W. YANG	DATE	11/19/21
CHECKED	X. B. YANG	DATE	11/19/21
APPROVED	J. QU	DATE	11/19/21
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.XX	±0.13 [0.005"]		
.X	±0.25 [0.010"]		
X	±0.50 [0.019"]		
.X°	±1°		
X°	±2°		

**TITLE**  
ATTENUATOR SMA MALE TO SMA FEMALE  
50 WATT, DC~18GHZ

**PART NO.**  
ANO 21-5002-XX

<b>VIEW</b>		<b>SIZE</b>	A3	<b>SCALE</b>	2.5:1	<b>SHEET</b>	I/I	<b>REV.</b>	A
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