

TECHNICAL DATA

Electrical

Impedance 50 Ω
 Frequency Range DC to 6 GHz
 Attenuation Value 1-40dB VSWR ≤1.20
 Attenuation Value 50,60dB VSWR ≤1.50
 Avg. Power 2W @25°C
 Peak Power 250W
 Attenuation Value & Accuracy (dB)
 1-20dB : ±0.5dB Max.
 21-30dB: ±0.75dB Max.
 35, 40dB: ±1.0dB Max.
 50dB: ±1.1dB Max.
 60dB: ±1.4dB Max.

Mechanical & Environmental

Durability (matings) >500
 Temperature range -55 °C ~ +125 °C
 RoHS Compliant Yes

Material & Finish

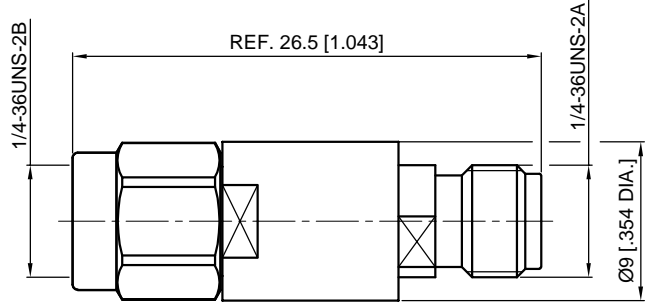
Body Stainless Steel (SU303), Passivated
 Pin Contact Beryllium Copper Alloy, Gold-plated
 Coupling Nut Stainless Steel (SU303), Passivated
 Insulator PTFE

Interface Standards

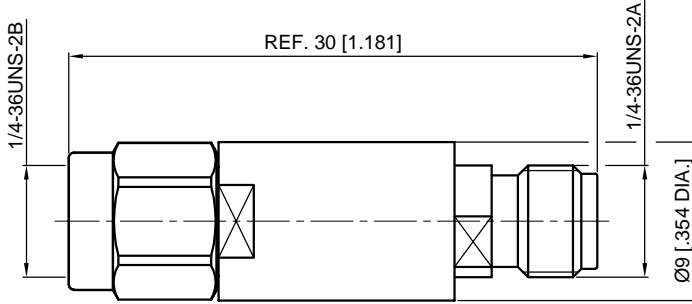
SMA MIL-STD-348A

**Note: Part Number AT-SMA-6-XX-256,
 the "XX" means Attenuation Value (dB) desired**

REVISIONS				
REV	DESCRIPTION OF REVISION	ECN No.	DATE	APPROVED
A	INITIAL RELEASE	---	02/23/2022	M. Dong
B	DIMENSIONS CHANGED	---	05/04/2022	M. Dong



PICTURE 1, Attenuation Value from 1dB to 30dB



PICTURE 2, Attenuation Value from 40dB to 60dB

NOTES:

- ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
- UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
- TECHNICAL DATA VALUES AT 25°C, SEA LEVEL.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS (INCHES). UNLESS OTHERWISE SPECIFIED DIMENSIONAL TOLERANCES ARE: .XX ±0.13 [.005"] X ±0.20 [.008"] X ±0.50 [.019"] ANGULAR TOLERANCES ARE: ALL±1° DO NOT SCALE DRAWING PROJECTION:	DRAWN:	L. Ma	05/04/2022
	CHECKED:	J. Zhu	05/04/2022
	APPROVED:	M. Dong	05/04/2022
	TITLE:	Attenuator, SMA Male to SMA Female, 6GHz, 2W	

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PART No.: **AT-SMA-6-XX-256**

SIZE: A4	SCALE: 4:1	SHEET: 1/1	REV: B
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