

TECHNICAL DATA

Electrical

Impedance 50 Ω
 Frequency Range DC to 18GHz
 VSWR ≤1.35
 Power Handling 20W

Mechanical & Environmental

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

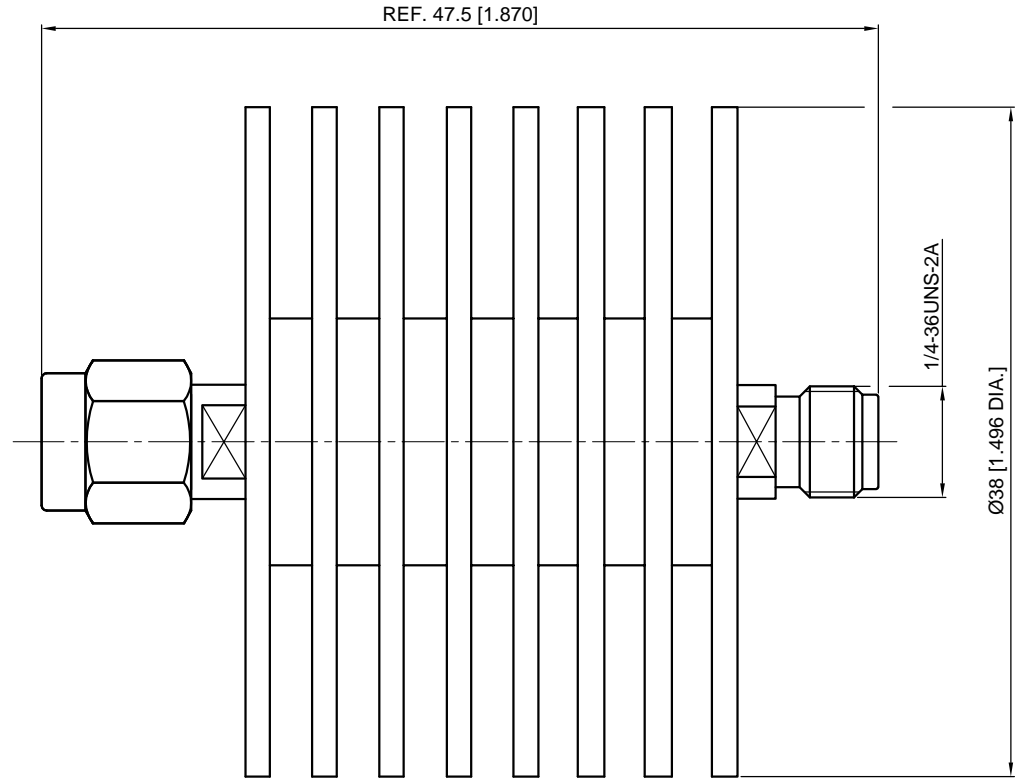
Material & Finish

Body Stainless Steel (SU303), Passivated
 Pin Contact Brass, Gold-plated
 Radiator Aluminium, Blackening
 Coupling Nut Stainless Steel (SU303), Passivated
 Insulator PTFE

Interface Standards

SMA MIL-STD-348A

REVISIONS				
REV	DESCRIPTION OF REVISION	ECN No.	DATE	APPROVED
A	INITIAL RELEASE	—	11/04/2020	M. Dong



Part Number	Attenuation Value & Accuracy (dB)
AT-SMA-18-03-175	3±0.6
AT-SMA-18-06-176	6±0.6
AT-SMA-18-10-177	10±0.6
AT-SMA-18-20-178	20±0.8
AT-SMA-18-30-179	30±1.0
AT-SMA-18-40-180	40±1.2
AT-SMA-18-50-181	50±2.0

- 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	11/04/2020
	CHECKED:	J. Zhu	11/04/2020
	APPROVED:	M. Dong	11/04/2020
TITLE: Fixed Attenuator, SMA Male to SMA Female, 18GHz, 20W			

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PART No.:
TWAT-SMA-18-XX-XXX-5

SIZE: A4	SCALE: 2.5:1	SHEET: 1/1	REV: A
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