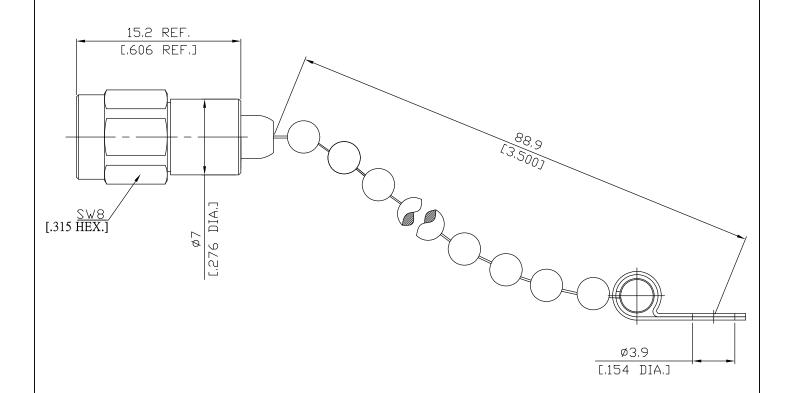


Technical Data Sheet

SMA Plug (Male) Termination With Chain DC-18 GHz; 1Watt; VSWR1.2

T-A15-18G1WB-88.9 / 9XX



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

Electrical Data

Impedance Frequency

VSWR (Return Loss)

Average power (at 25°C)

IEC 60169-15;CECC 22110; MIL-PRF-39012 SMA; MIL-STD-348/310

50 Ω

DC to 18 GHz

≤ 1.2 (≥ 20.83 dB)

1W

derated linearly to 0.2 watt @ 100°C.

500 watts peak (5 µsec pulse width; 0.2% duty cycle)

Material And Plating

Piece Parts	Material	Plating
Centre Contact	Beryllium Copper	Gold plating
	вегунівні Соррег	(Non-magnetic nickel-phosphorus underplating)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling Nut	Stainless Steel	Passivated
Chain	Stainless Steel	Passivated

The facts and figures herein are carefully compiled to the best of our	KOV.	Rosnol RF/Microwave Technology Co., Ltd.	Page
knowledge, but they are intended for general informational purposes only.		www.rosnol.com; info@rosnol.com	1
In the effort to improve our products, we reserve the right to make changes $% \left\{ 1,2,,n\right\}$	Date:	Phone: +886-3-463-5095 / Fax: +886-3-463-5952	1/2
judged to be necessary.	MAR/10/2025	N-CAGE Code: SFKK0 / ISO9001 Certified	1/2



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Mechanical Data

 Coupling mechanisms
 Screw-lock

 Mating Cycles
 ≥ 500

 Coupling Nut Retention
 ≥ 270 N

 Center Contact Captivation:axial
 ≥ 20 N

 Coupling Test Torque
 1.70 Nm max.

 Recommended Torque
 0.8 Nm to 1.1 Nm

Environmental Data

Temperature Range
-55°C to +125°C
Thermal shock
MIL-STD-202, Method 107, Condition B
Corrosion
MIL-STD-202, Method 101, Condition B
Vibration
MIL-STD-202, Method 204, Condition D
Shock
MIL-STD-202, Method 213, Condition I
Moisture Resistance
MIL-STD-202, Method 106
RoHS
compliant

Packing

Single or 100