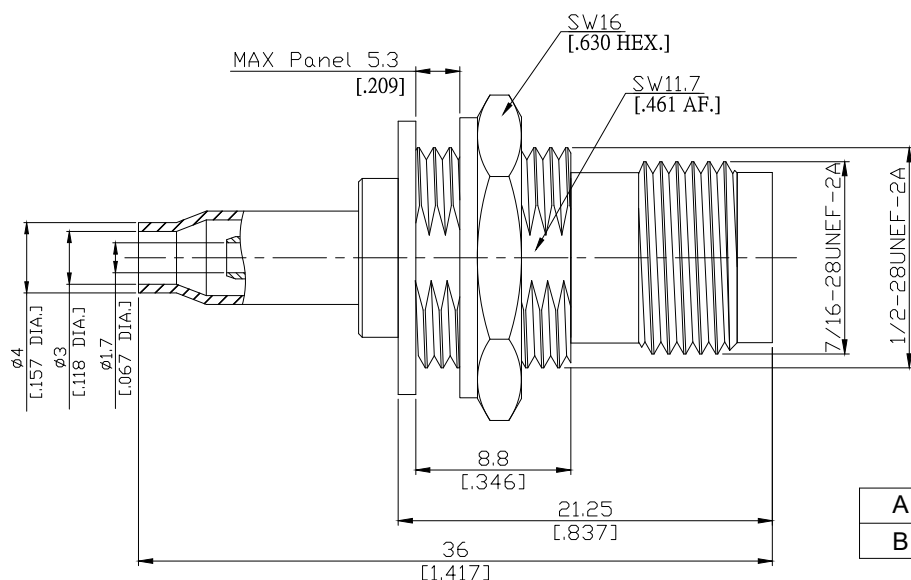
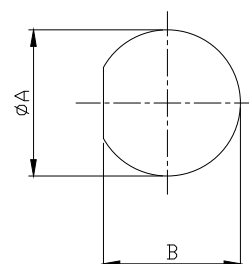


**TNC JACK (FEMALE) ISOLATE GROUND BULKHEAD
CONNECTOR CRIMP ATTACHMENT FOR RG179 DC-4GHz VSWR1.25**

TNC2CA70-G179-IG / H3



Mounting Dimensions



	mm		inch	
	Max.	Min.	Max.	Min.
A	11.8	11.75	.465	.463
B	13.5	13	.531	.512

All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 60169-17; MIL-PRF-39012

Electrical Data

Impedance

50 Ω

Frequency

DC to 4 GHz

VSWR (Return Loss)

≤ 1.25 (≥ 19.1 dB)

Insertion Loss

≤ 0.1 x √F (GHz) dB

Insulation Resistance

≥ 5 GΩ

Center Contact Resistance

≤ 1.5 mΩ

Outer Contact Resistance

≤ 1 mΩ

Working Voltage (at sea level)

500 V rms

Test voltage

1500 V rms

Power handling

80 W @ 2 GHz

Material And Plating

Piece Parts	Material	Plating
Centre contact	Phosphor Bronze	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	
Washer	Brass	Nickel
Coupling nut	Brass	Nickel

The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Rev.:
Date:
JUL/16/2021

Rosnol RF/Microwave Technology Co., Ltd.
www.rosnol.com; info@rosnol.com
Phone: +886-3-463-5095 / Fax: +886-3-463-5952
N-CAGE Code: SFKK0 / ISO9001 Certified

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**TNC JACK (FEMALE) ISOLATE GROUND BULKHEAD
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TNC2CA70-G179-IG / H3

Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Centre Contact Captivation	axial: ≥27N
Centre Contact	Crimped
Cable Contact	Crimped
Coupling Test Torque	1.7 Nm max.
Recommended Torque	0.46 Nm to 0.69 Nm

Environmental Data

Temperature Range	-65°C to +165°C
Thermal shock	MIL-STD-202, Meth. 107, Cond. B
Corrosion	MIL-STD-202, Meth. 101, Cond. B
Vibration	MIL-STD-202, Meth. 204, Cond. B
Shock	MIL-STD-202, Meth. 213, Cond. G
Moisture Resistance	MIL-STD-202, Meth. 106
RoHS	compliant

Packing

Single or 100