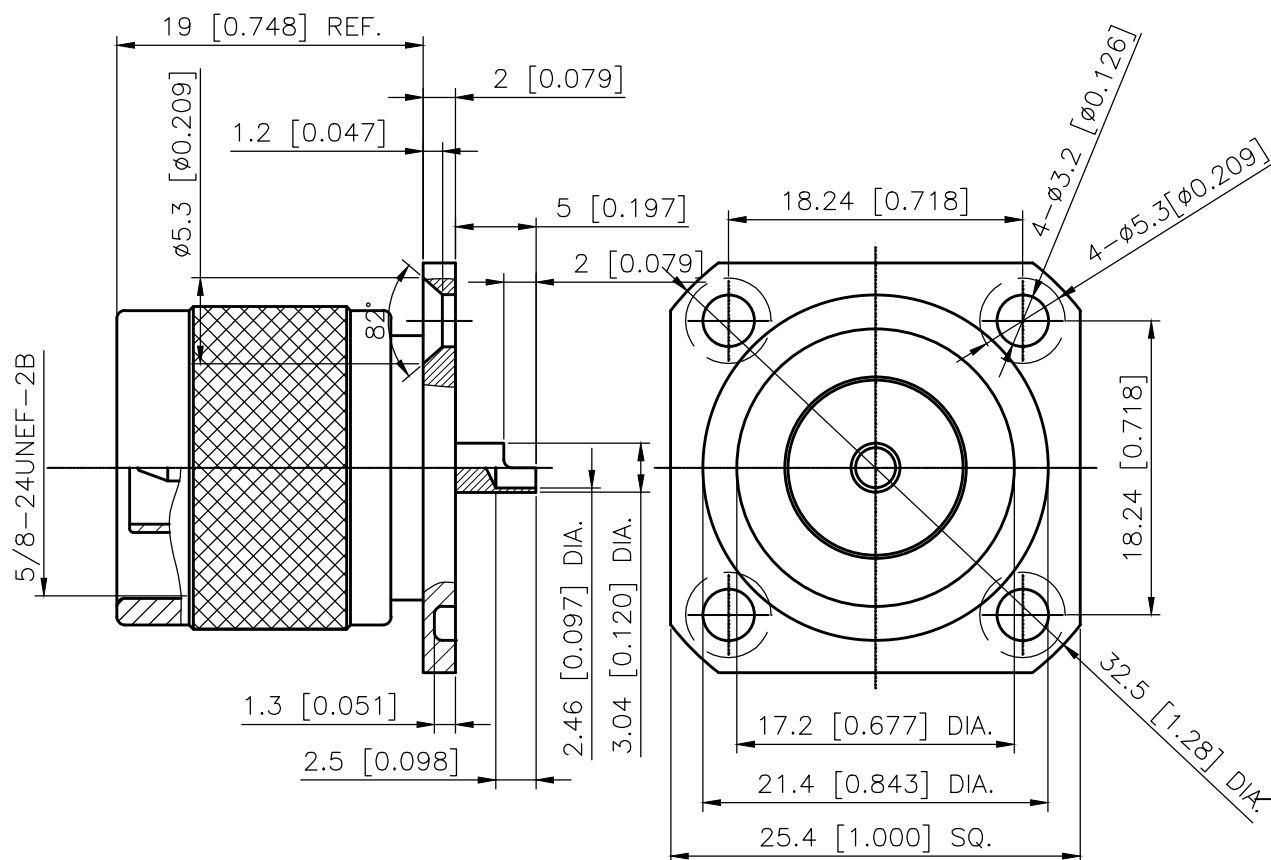


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RevNo	Revision note			Date	Signature	Checked	
00	Sketch Only			1/11/25	Teresa	Simon	



Interface Per: MIL-STD-348, IEC 60169-16

Material & Finishing:

1. Center condutor: Brass, Gold Plating
2. Insulators: PTFE
3. Body: Brass, Nickel Plating
4. Coupling Nut: Brass, Nickel Plating
5. C'Ring: Phosphor Bronze

ALL DIMENSIONS ARE IN MILLIMETERS AND [INCHES]

LIJEN, LLC from KERUI

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UNLESS OTHERWISE NOTED ALL SURFACES FINISHED TO 64/MAX.
ALL TOLERANCES ARE:
DECIMALS FRACTIONS ANGLES
 $x \pm 1.0$ $\pm 1/64$ $x' \pm 1'$
 $x.x \pm 0.5$ $x'x' \pm 0.5'$
 $x.xx \pm 0.1$

Title

N male 1" flange
panel mounted receptacle
(N-JFD-2)

Drawn by
Teresa

Ckd by
Simon

Appd by
Richard

Date
1/11/2025

Scale
2.3:1

Sheet 1 of 2

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Electrical Data:

1. Impedance: 50 Ohms
2. Frequency Range: DC to 11.0 GHz
3. Contact Resistance: Inner Contact: 1.0 milliohms max.
Outer Contact: 0.25 milliohms max.
4. Insulation Resistance: 5000 megaohms min.
5. Dielectric Withstanding Voltage: 2500 V
6. VSWR: N/A (Uncabled receptacles)

Mechanical Data:

1. Contact Captivation: Axial force: 28 N
2. Coupling Nut Torque:
Recommended: 0.7–1.1 N.m
Max.: 1.7 N.m
3. Durability: 500 cycles

Environmental Data:

1. Operating Temperature Range: -55°C up to 155°C
2. Test Categories: IEC 55/155/21
3. Relative Humidity: MIL-STD-202, Method 106
4. Thermal Shock: MIL-STD-202, Method 107, Cond. B
5. Shock: MIL-STD-202, Method 213, Cond. J
6. Vibration: MIL-STD-202, Method 204, Cond. B
7. Corrosion: MIL-STD-202, Method 101, Cond. B

RoHS Compliant.

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Sheet 2 of 2

80 1111 046 02