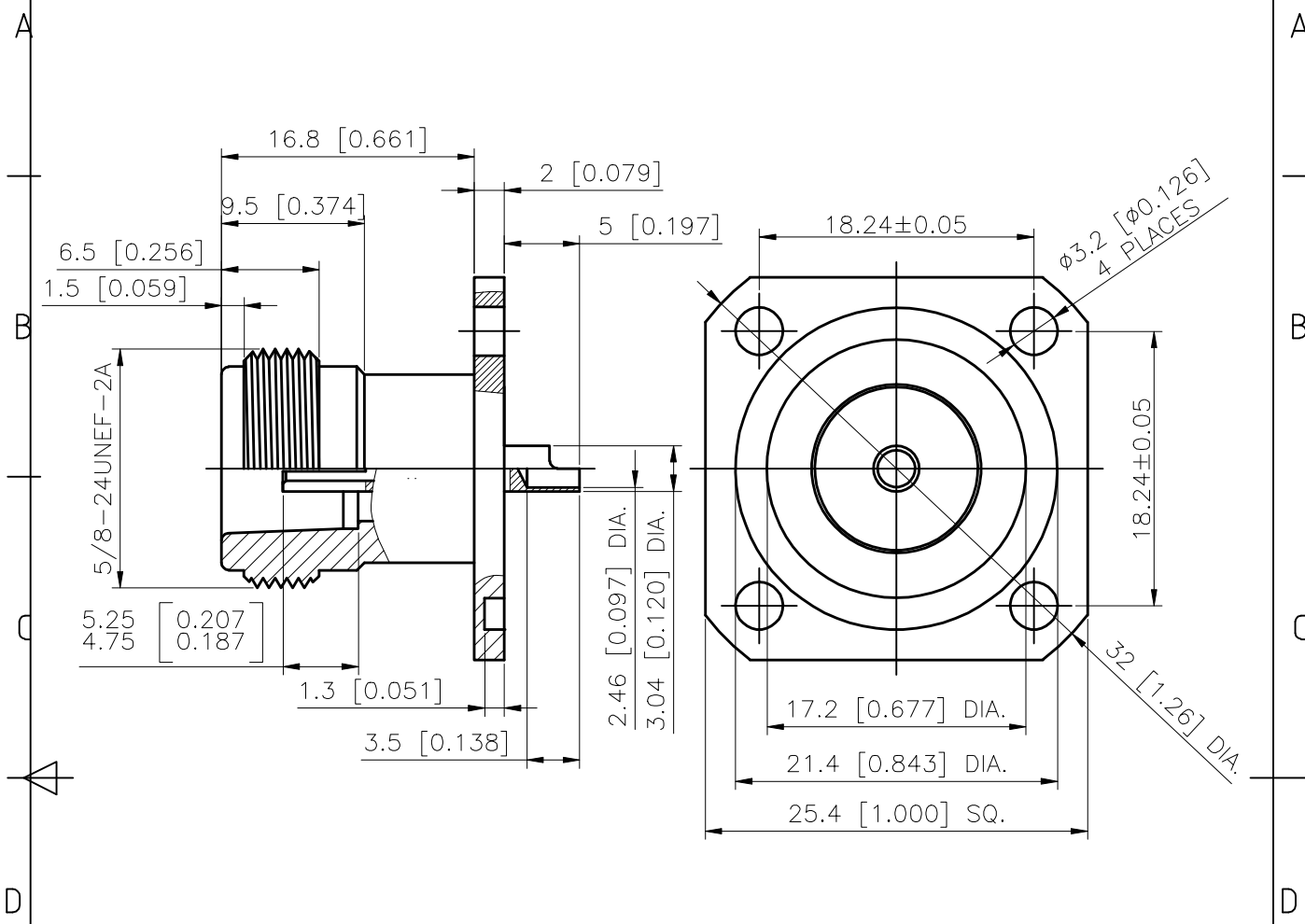


| RevNo | Revision note | Date   | Signature | Checked |
|-------|---------------|--------|-----------|---------|
| 00    | Release       | 1/6/16 | Teresa    | Simon   |



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

Material & Finishing:

1. Center conductor: Beryllium Copper, Gold Plating
2. Insulators: PTFE
3. Body: Stainless Steel

ALL DIMENSIONS ARE IN MILLIMETERS AND [INCHES]

LIJEN, LLC from KERUI

Title

N female 1" flange  
panel mounted receptacle  
(N-KFD-29)

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

Drawn by  
Teresa

Ckd by  
Simon

Appd by  
Richard

Date  
1/6/2016

Scale  
2.3:1

Sheet 1 of 2

80 1121 046 07

### 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:  $-55^{\circ}\text{C}$  up to  $155^{\circ}\text{C}$
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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UNLESS OTHERWISE NOTED  
ALL SURFACES FINISHED TO 64/MAX.  
ALL TOLERANCES ARE:  
DECIMALS FRACTIONS ANGLES  
 $x \pm 1.0$   $\pm 1/64$   $x' \pm 1^{\circ}$   
 $x.x \pm 0.5$   $x'x' \pm 0.5$   
 $x.xx \pm 0.1$

Title

N female 1" flange  
panel mounted receptacle  
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Scale

Sheet 2 of 2

80 1121 046 07