

**N Female Terminal Solder Attachment Flange Mount**  
**RF Connector Technical Data Sheet**  
**N-040-1**

**Configuration**

- N Female Connector
- 50 Ohms
- Flange Mount

**Features**

- Max VSWR of 1.30 : 1 up to 11 GHz
- N Interface compliant with MIL-STD-348A

**Applications**

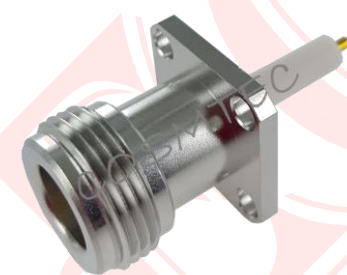
- General Purpose Test

**Electrical Specifications**

| Description     | Minimum | Typical | Maximum  | Units |
|-----------------|---------|---------|----------|-------|
| Frequency Range | DC      |         | 11       | GHz   |
| VSWR            |         |         | 1.30 : 1 |       |

**Mechanical Specifications**
**Size**

|        |      |      |
|--------|------|------|
| Length | [mm] | 36.2 |
| Width  | [mm] | 17.5 |
| Height | [mm] | 17.5 |
| Weight | [g]  | 17.7 |



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| Description                | Connector                   |
|----------------------------|-----------------------------|
| Type                       | N Female                    |
| Polarity                   | Standard                    |
| Interface Specification    | MIL-STD-348A<br>MIL-C-39012 |
| Mating Cycles              | -                           |
| Hex Size                   | -                           |
| Mating Torque              | -                           |
| Coupling Proof Torque, Min | -                           |

**Material Specifications**

| Description     | Connector       |                 |
|-----------------|-----------------|-----------------|
|                 | Material        | Plating         |
| Type            | N Female        | -               |
| Contact         | Phosphor Bronze | Gold            |
| Insulation      | PTFE            | -               |
| Outer Conductor | -               | -               |
| Body            | Brass           | Nickel / CuSnZn |
| Gasket          | Silicone        | -               |
| Coupling Nut    | Brass           | Nickel / CuSnZn |

**Environmental Specifications**
**Temperature**

Operating Range      -60 to +165 deg C

**Compliance Certifications**

- RoHS Compliant      Yes

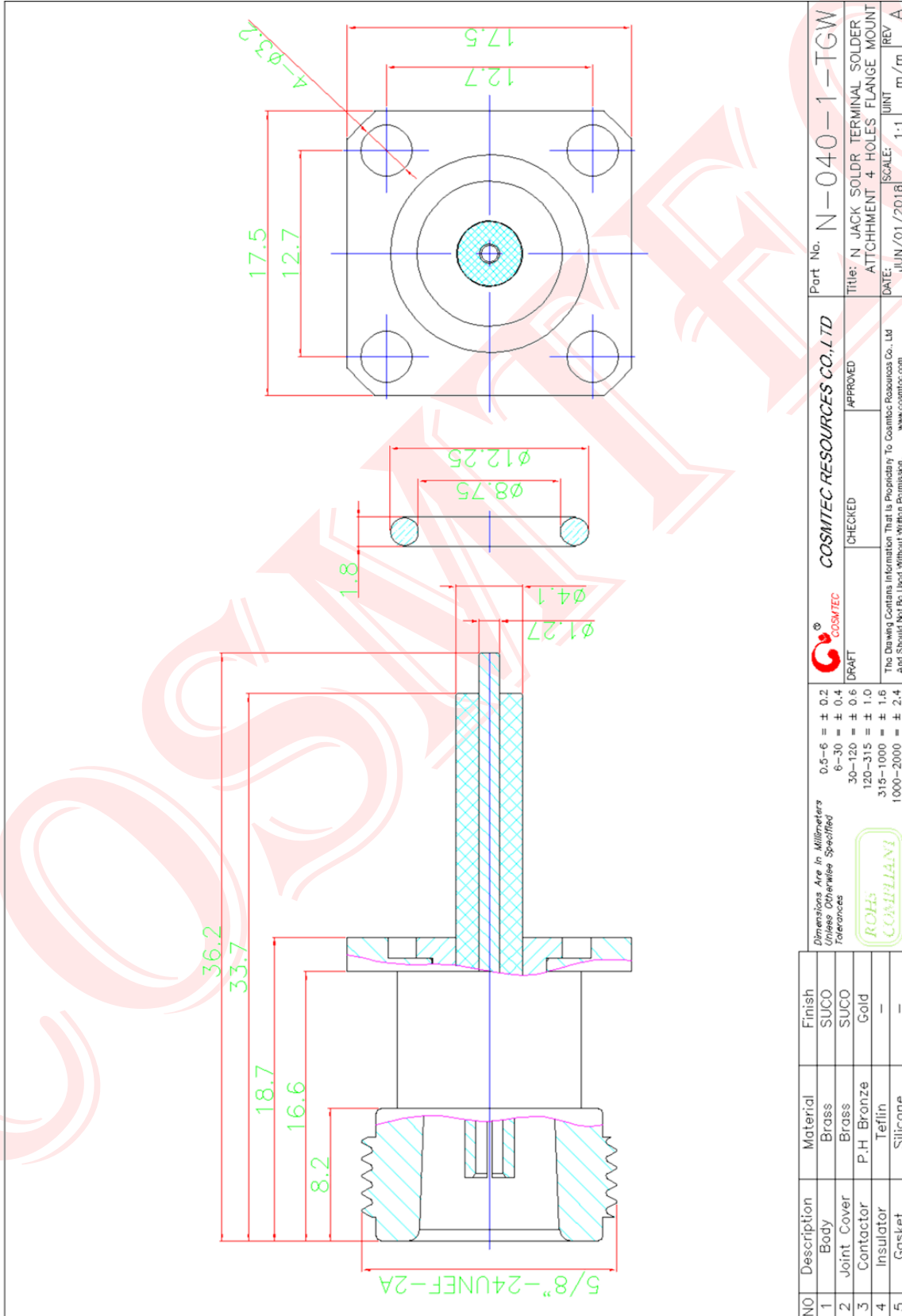
**Plotted and Other Data**

Notes :

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|   |   |             |        |
|---|---|-------------|--------|
| Part No.  | N-040-1-TGW   |             |        |
| Title:  | N JACK SOLDER TERMINAL SOLDER ATTACHMENT 4 HOLES FLANGE MOUNT |             |        |
| DATE:   | JUN/01/2018   | SCALE: 1:1  |        |
| UNIT:   | m/m   |             |        |
| REV   | A   |             |        |
| <b>COSMTEC RESOURCES CO., LTD</b>   |   |             |        |
| DRAFT   | CHECKED   | APPROVED    |        |
| The Drawing Contains Information That is Proprietary To Cosmtec Resources Co., Ltd And Should Not Be Used Without Written Permission. www.cosmtec.com |   |             |        |
| NO  | Description   | Material    | Finish |
| 1   | Body  | Brass       | SUCO   |
| 2   | Joint Cover   | Brass       | SUCO   |
| 3   | Contact   | P.H. Bronze | Gold   |
| 4   | Insulator   | Teflon      | -      |
| 5   | Gasket  | Silicone    | -      |