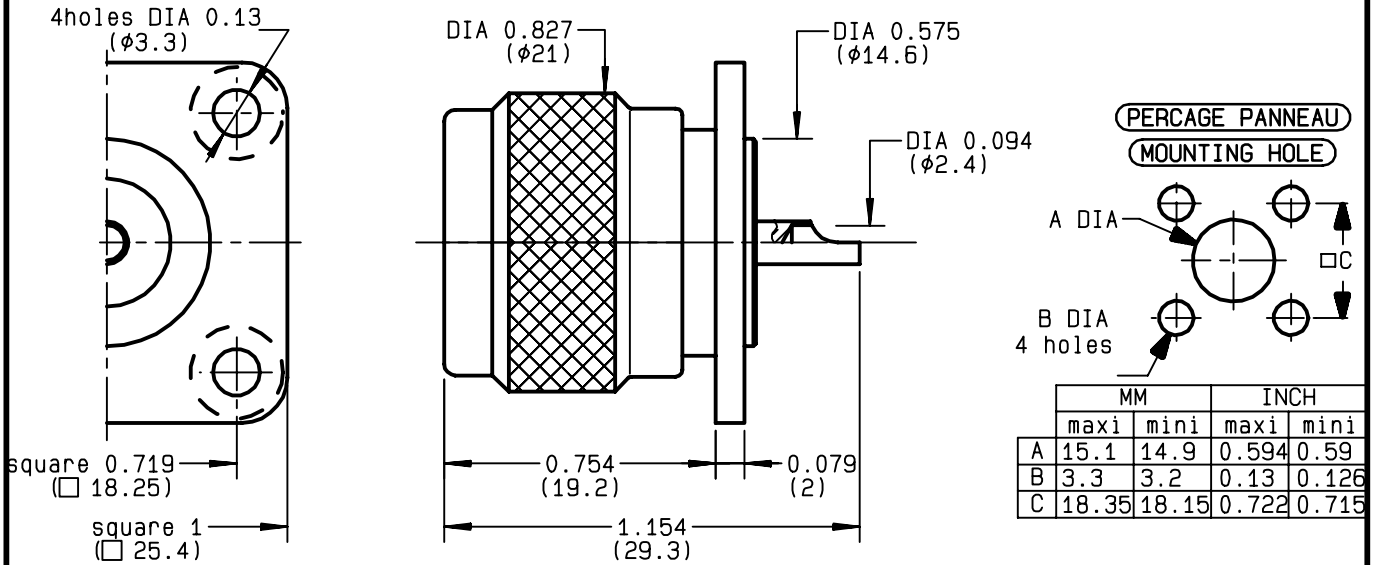


**SQUARE FLANGE PLUG RECEPTACLE  
MILLED HOLES WITH SOLDER POT CONTACT**

**R161.441.000**  
**SERIES N**



|                                 |   |
|---------------------------------|---|
| NOMINAL IMPEDANCE               | <b>50</b> Ω                             |
| FREQUENCY RANGE                 | <b>0-11</b> GHz                         |
| TEMPERATURE RATING              | <b>-55/+155</b> °C                      |
| V.S.W.R                         | <b>1.04*</b> + <b>.004</b> x F(GHz)Maxi |
| RF INSERTION LOSS               | <b>.015*</b> √F(GHz) dB Maxi            |
| VOLTAGE RATING                  | <b>1400</b> Veff Maxi                   |
| DIELECTRIC WITHSTANDING VOLTAGE | <b>2500</b> Veff Mini                   |
| INSULATION RESISTANCE           | <b>5000</b> MΩMini                      |
| HERMETIC SEAL                   | <b>NA</b> Atm.cm <sup>3</sup> /s        |
| LEAKAGE (pressurized only)      | <b>NA</b>                               |
| MECHANICAL DURABILITY           | <b>500</b> Cycles                       |
| WEIGHT                          | <b>35.2</b> gr                          |
| SPECIFICATION                   |   |

CABLES :

OTHERS CHARACTERISTICS

**\* Coaxial Transmission Line Only**

|                            |            |           |
|----------------------------|------------|-----------|
| CABLE RETENTION            | <b>NA</b>  | N Mini    |
| CENTER CONTACT RETENTION   |            |           |
| Axial force - mating end   | <b>27</b>  | N Mini    |
| Axial force - opposite end | <b>27</b>  | N Mini    |
| Torque                     | <b>NA</b>  | cm.N Mini |
| RECOMMENDED TORQUES        |            |           |
| Mating                     | <b>130</b> | cm.N      |
| Panel nut                  | <b>NA</b>  | cm.N      |
| Clamp nut                  | <b>NA</b>  | cm.N      |

| CONNECTOR PARTS | MATERIALS       | FINISH                 | (all values are given in micrometers) |
|-----------------|-----------------|------------------------|---------------------------------------|
| BODY            | BRASS           | BBR 2                  |                                       |
| OUTER CONTACT   | BRASS           | BBR 2                  |                                       |
| CENTER CONTACT  | BRASS           | GOLD 0.5 OVER NICKEL 2 |                                       |
| INSULATOR       | PTFE            | -                      |                                       |
| GASKET          | SILICONE RUBBER | -                      |                                       |
| OTHERS PIECES   | BRASS           | BBR 2                  |                                       |

BONMINI

|                |                   |                  |
|----------------|-------------------|------------------|
| ISSUE          | CREATION DATE     | FILE PART-NUMBER |
| <b>9839C02</b> | <b>24/03/1993</b> | <b>EPC 96-07</b> |



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The information given here is subject to change without notice.  
Design changes may be in order to improve the product .

*Connect to the future*