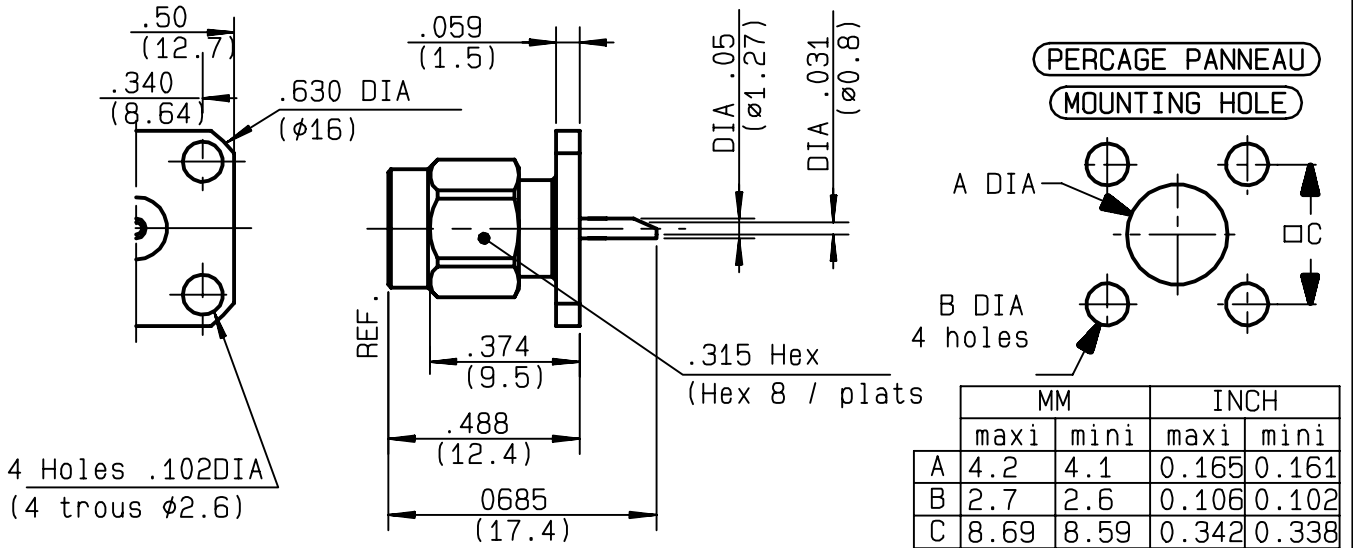


**SQUARE FLANGE PLUG RECEPTACLE  
WITH SOLDER POT CONTACT**

**R125.433.000**  
**SERIES SMA**



|                                 |   |
|---------------------------------|---|
| NOMINAL IMPEDANCE               | <b>50</b> Ω                             |
| FREQUENCY RANGE                 | <b>0-18</b> GHz                         |
| TEMPERATURE RATING              | <b>-65/+165</b> °C                      |
| V.S.W.R                         | <b>1.04</b> + <b>.0045</b> x F(GHz)Maxi |
| RF INSERTION LOSS               | <b>0.05</b> √F(GHz) dB Maxi             |
| VOLTAGE RATING                  | <b>500</b> Veff Maxi                    |
| DIELECTRIC WITHSTANDING VOLTAGE | <b>1000</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>4</b> gr                             |
| SPECIFICATION                   |   |

CABLES :

OTHERS CHARACTERISTICS

|                            |            |           |
|----------------------------|------------|-----------|
| 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>2.8</b> | cm.N Mini |
| RECOMMENDED TORQUES        |            |           |
| Mating                     | <b>100</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 )<br>in micrometers |
| BODY             | STAINLESS STEEL | GOLD 0.5 OVER NICKEL 2 |   |
| OUTER CONTACT    |                 |                        |   |
| CENTER CONTACT   | BRASS           | GOLD 1.3 OVER NICKEL 2 |   |
| INSULATOR        | PTFE            | -                      |   |
| GASKET           | SILICONE RUBBER | -                      |   |
| OTHERS PIECES    | STAINLESS STEEL | GOLD 0.5 OVER NICKEL 2 |   |

|                |                   |                  |
|----------------|-------------------|------------------|
| ISSUE          | CREATION DATE     | FILE PART-NUMBER |
| <b>9840S00</b> | <b>30/10/1990</b> |                  |



TRIPIER

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

*Connect to the future*