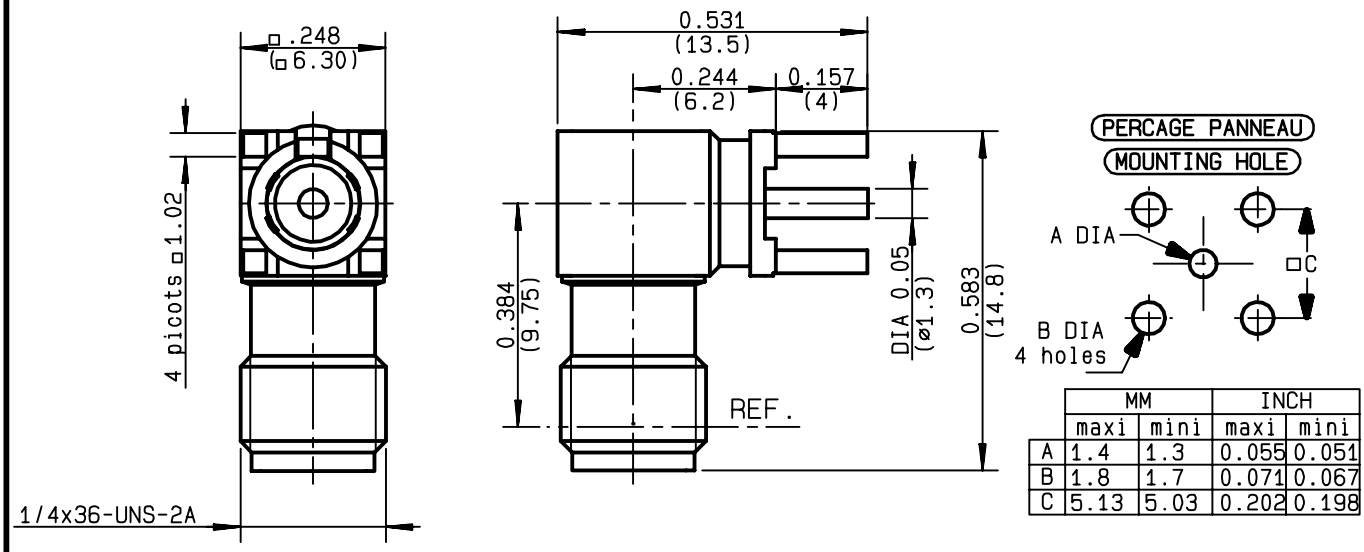
# RIGHT ANGLE JACK RECEPTACLE FOR PCB SOLDER LEGS

# R125.680.000

**SERIES** **SMA**




| | MM | | INCH | |
|---|---|---|---|---|
| | maxi | mini | maxi | mini |
| A | 1.4 | 1.3 | 0.055 | 0.051 |
| B | 1.8 | 1.7 | 0.071 | 0.067 |
| C | 5.13 | 5.03 | 0.202 | 0.198 |

| | | |
|---|---|---|
| NOMINAL IMPEDANCE | **50** | Ω |
| FREQUENCY RANGE | **0-18** | GHz |
| TEMPERATURE RATING | **-65/+165** | °C |
| V.S.W.R | ***1.04** + **.0045** x F(GHz)Maxi | |
| RF INSERTION LOSS | **0.07** $\sqrt{F}$(GHz) dB Maxi | |
| VOLTAGE RATING | **500** | Veff Maxi |
| DIELECTRIC WITHSTANDING VOLTAGE | **1000** | Veff Mini |
| INSULATION RESISTANCE | **5000** | MΩMini |
| HERMETIC SEAL | **NA** | $Atm.cm^3/s$ |
| LEAKAGE (pressurized only) | **NA** | |
| MECHANICAL DURABILITY | **500** | Cycles |
| WEIGHT | | gr |
| SPECIFICATION | | |

CABLES :

OTHERS CHARACTERISTICS

*** COAXIAL TRANSMISSION LINE ONLY**

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

| CONNECTOR PARTS | MATERIALS | FINISH (all values are given in micrometers) |
|---|---|---|
| BODY | STAINLESS STEEL | GOLD 0.5 OVER NICKEL 2 |
| OUTER CONTACT | | |
| CENTER CONTACT | BERYLLIUM COPPER | GOLD 1.3 OVER NICKEL 2 |
| INSULATOR | PTFE | - |
| GASKET | | - |
| OTHERS PIECES | | |

| ISSUE | CREATION DATE | FILE PART-NUMBER |
|---|---|---|
| 9842D00 | 13/03/1991 | |

BERTHET

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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*