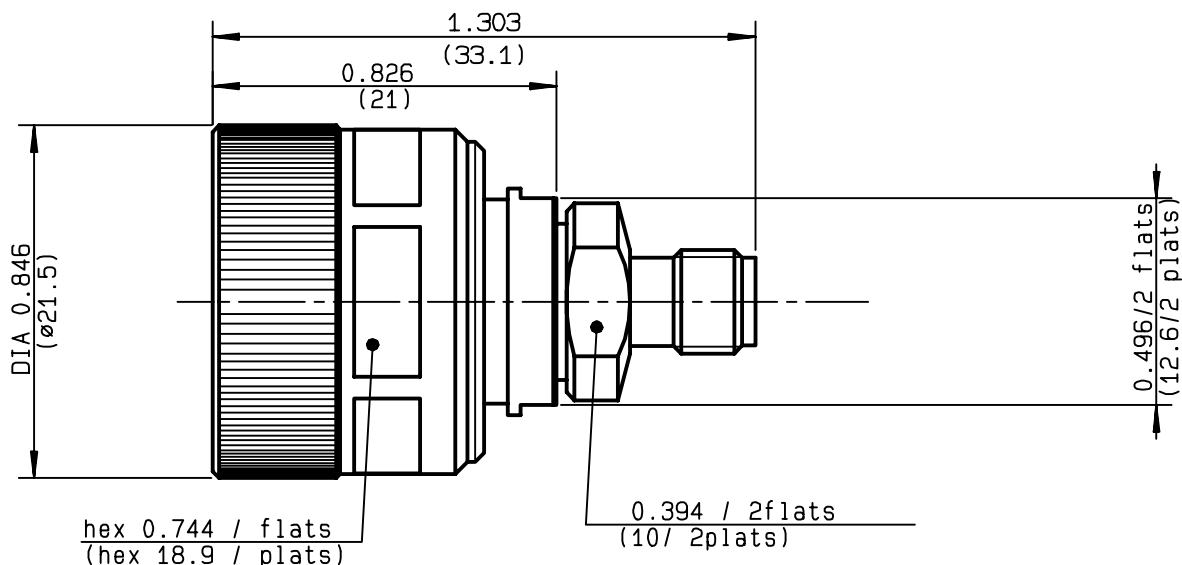


**PC7 - SMA FEMALE STRAIGHT ADAPTER****R191.011.000****SERIES****ADAPT**

|                                 |                                       |                        |
|---------------------------------|---------------------------------------|------------------------|
| NOMINAL IMPEDANCE               | <b>50</b>                             | $\Omega$               |
| FREQUENCY RANGE                 | <b>0-18</b>                           | GHz                    |
| TEMPERATURE RATING              | <b>+13/+33</b>                        | $^{\circ}\text{C}$     |
| V.S.W.R                         | <b>1.05</b> + <b>.01</b> x F(GHz)Maxi |                        |
| RF INSERTION LOSS               | <b>0.05</b> $\sqrt{F}$ (GHz) dB Maxi  |                        |
| VOLTAGE RATING                  | <b>500</b>                            | Veff Maxi              |
| DIELECTRIC WITHSTANDING VOLTAGE | <b>1000</b>                           | Veff Mini              |
| INSULATION RESISTANCE           | <b>5000</b>                           | M $\Omega$ Mini        |
| 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>36</b>                             | gr                     |
| SPECIFICATION                   |                                       |                        |

CABLES :

OTHERS CHARACTERISTICS

|                            |                    |
|----------------------------|--------------------|
| CABLE RETENTION            | 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>3</b> cm.N Mini |
| RECOMMENDED TORQUES        |                    |
| Mating                     | <b>NA</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            | STAINLESS STEEL  | GOLD 1.3 OVER NICKEL 2 |                                       |
| OUTER CONTACT   |                  |                        |                                       |
| CENTER CONTACT  | BERYLLIUM COPPER | GOLD 1.3 OVER NICKEL 2 |                                       |
| INSULATOR       | PTFE, ULTEM      | -                      |                                       |
| GASKET          |                  | -                      |                                       |
| OTHERS PIECES   | BRASS            | NICKEL 2               |                                       |

TRIQUES

|                |                   |                    |
|----------------|-------------------|--------------------|
| ISSUE          | CREATION DATE     | FILE PART-NUMBER   |
| <b>0204U00</b> | <b>14/10/1981</b> | <b>DM-9705-028</b> |

**RADIALL®**

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

*Connect to the future*