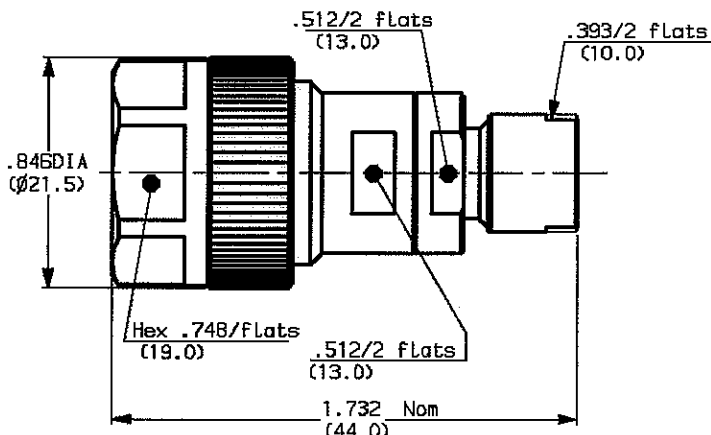




WEIGHT oz ( g )

cables: .250

mounting instructions : M03

### CHARACTERISTICS

|                                  |                                   |
|----------------------------------|-----------------------------------|
| NOMINAL IMPEDANCE                | 50 $\Omega$                       |
| FREQUENCY RANGE                  | 0-18 GHz                          |
| TEMPERATURE RATING               | -40/+125 °C                       |
| VSWR                             | 1.05 + 0.007 f(GHz)               |
| RF INSERTION LOSS                | 0.1 $\sqrt{f}$ dB Maxi            |
| VOLTAGE RATING                   | 1000 Vrms Maxi                    |
| DIELECTRIC WITHSTANDING VOLTAGE  | 2000 Vrms mini                    |
| INSULATION RESISTANCE            | 5000 M $\Omega$ mini              |
| HERMETIC SEAL                    | NA cc/s<br>Atm.cm <sup>3</sup> /s |
| LEAKAGE                          | 0.641 psi<br>.0044 MPa            |
| ( Low atmospheric air pressure ) |                                   |

|                                   |             |
|-----------------------------------|-------------|
| STANDARDISATION                   | MIL C 39012 |
|                                   | CECC 22000  |
|                                   | IEC 169-16  |
| DS 8811 - Aeronautic applications |             |

|                            |                       |
|----------------------------|-----------------------|
| CABLE RETENTION            | 91.8 Lb mini<br>408 N |
| CENTER CONTACT RETENTION   |                       |
| Axial force - mating end   | 6.075 Lb mini<br>27 N |
| Axial force - opposite end | 6.075 Lb mini<br>27 N |
| Torque (Min)               | NA Inch.oz<br>cm.N    |

|                     |                            |
|---------------------|----------------------------|
| RECOMMENDED TORQUES |                            |
| Mating              | 14.176 Inch.Lb<br>160 cm.N |
| Panel nut           | NA Inch.Lb<br>cm.N         |
| Clamp nut           | 31.01 Inch.Lb<br>350 cm.N  |

### CONSTRUCTION

| CONNECTOR PARTS | MATERIALS           | FINISH     |
|-----------------|---------------------|------------|
| BODY            | STAINLESS STEEL     | PASSIVATED |
| OUTER CONTACT   | STAINLESS STEEL     | PASSIVATED |
| CENTER CONTACT  | BERYLLIUM COPPER    | GOLD       |
| INSULATOR       | POLYETHERIMID RESIN | -          |
| INSULATOR       | PTFE                | -          |
| GASKET          | FLUOROSILICON       | -          |
| -               | -                   | -          |
| -               | -                   | -          |
| -               | -                   | -          |

| ISSUE | REVISION No | DESCRIPTION | BY | DATE |
|-------|-------------|-------------|----|------|
| .     | .           | .           | .  | .    |
| .     | .           | .           | .  | .    |
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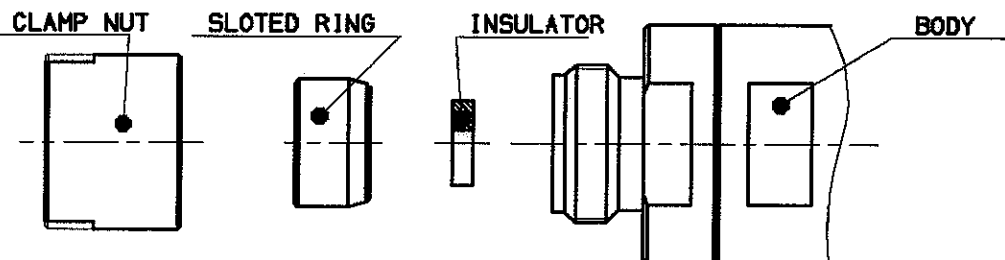
Initiated on 27-JUN-90

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



Superseded on - - - - -

MOUNTING INSTRUCTIONS



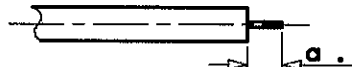
We recommend a cable thermal preconditioning before assembly

①

1-1 Strip the cable .

Stripping tool R 282 054

Positioner R 282 074

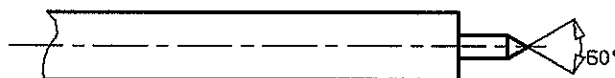


| Stripping | a    | b | c | d | e |
|-----------|------|---|---|---|---|
| inch      | .201 | - | - | - | - |
| mm        | 5.1  | - | - | - | - |

②

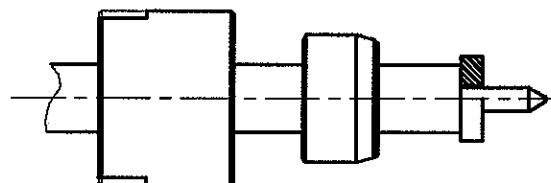
2-1 Trim cable centre conductor .

Trimmer R 282 074



③

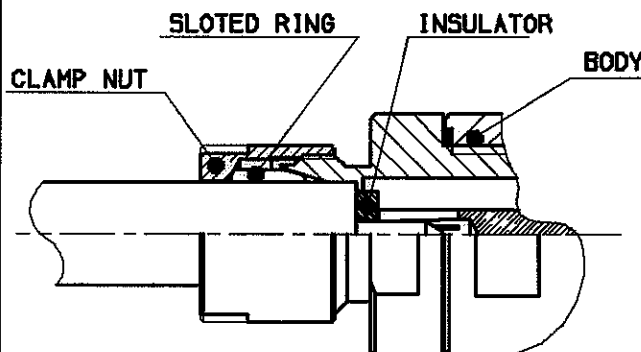
3-1 Slide clamp nut ,slotted ring and insulator onto the cable .



④

4-1 Introduce the cable into the connector and push it until it bottoms against body shoulder .

4-2 Screw the sub-assembly maintaining the cable against body shoulder .



Recommended coupling torque : 31 in.lb

| ISSUE | REVISION No | DESCRIPTION | BY | DATE |
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| .     | .           | .           | .  | .    |

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