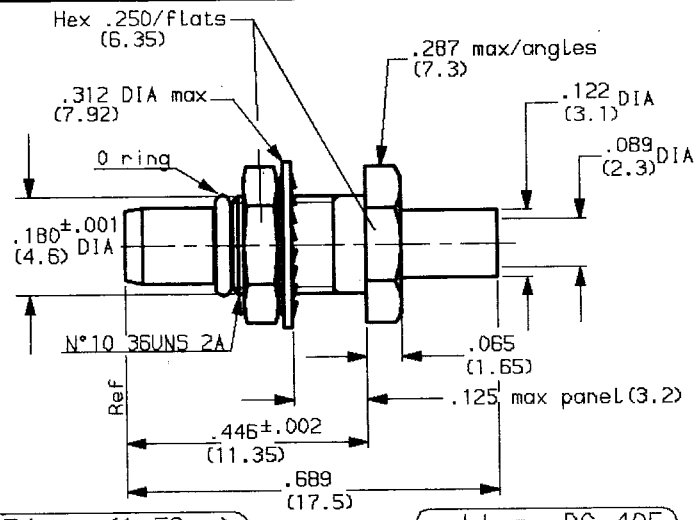
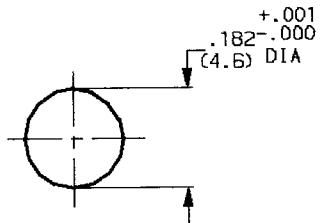


STRAIGHT BULKHEAD PLUG - SOLDER-TYPE  
CABLE .085



MOUNTING HOLE



4  
WEIGHT .054 oz (1.52 g) cables: RG 405

CHARACTERISTICS

|                                 |                    |                            |
|---------------------------------|--------------------|----------------------------|
| NOMINAL IMPEDANCE               | 50                 | Ω                          |
| FREQUENCY RANGE                 | 0 28               | GHz                        |
| TEMPERATURE RATING              | -65 +105           | °C                         |
| VSWR                            | 1.05 + 0.01F (GHz) | Max                        |
| RF INSERTION LOSS               | 0.04/F (GHz)       | dB Max                     |
| VOLTAGE RATING                  | 250                | Vrms                       |
| DIELECTRIC WITHSTANDING VOLTAGE | 675                | Vrms                       |
| INSULATION RESISTANCE           | 5000               | Mo                         |
| HERMETIC SEAL                   | NA                 | cc/s<br>cm <sup>3</sup> /s |
| LEAKAGE (pressurized only)      | -                  | psi<br>kg/cm <sup>2</sup>  |

STANDARDISATION

|                            |       |                  |
|----------------------------|-------|------------------|
| CABLE RETENTION            | 45    | Lb Min           |
|                            | 200   | N Min            |
| CENTER CONTACT RETENTION   |       |                  |
| Axial force - mating end   | 4.073 | Lb Min           |
|                            | 18.1  | N Min            |
| Axial force - opposite end | 4.073 | Lb Min           |
|                            | 18.1  | N Min            |
| Torque (Min)               | NA    | Inch.oz<br>cm.N  |
| RECOMMENDED TORQUES        |       |                  |
| Mating                     | NA    | Inch. Lb<br>cm.N |
| Panel nut                  | 5.316 | Inch. Lb<br>cm.N |
|                            | 60    | cm.N             |
| Clamp nut                  | NA    | Inch. Lb<br>cm.N |

CONSTRUCTION

| CONNECTOR PARTS | MATERIALS        | FINISH           |
|-----------------|------------------|------------------|
| BODY            | Stainless steel  | Gold over nickel |
| OUTER CONTACT   | -                | -                |
| CENTER CONTACT  | Beryllium copper | Gold over nickel |
| INSULATORS      | PTFE             | -                |
| GASKET          | Silicon          | -                |
| -               | -                | -                |
| -               | -                | -                |
| -               | -                | -                |
| -               | -                | -                |

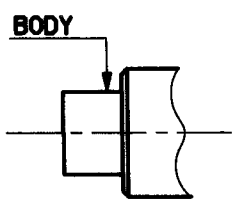
| ISSUE | REVISION No | DESCRIPTION | BY | DATE |
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| .     | .           | .           | .  | .    |

Initiated on 13-OCT-89  
Superseded on - - - - -

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



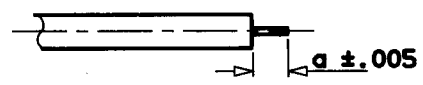
STRAIGHT BULKHEAD PLUG - SOLDER TYPE  
CABLE .085



We recommend a cable thermal preconditioning before assembly

①

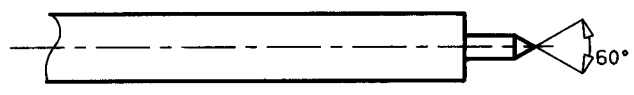
- 1-1 Strip the cable .  
Stripping tool R282 051  
Positioner R282 062
- 



| Stripping | a    | b | c | d | e |
|-----------|------|---|---|---|---|
| Inch      | .070 | - | - | - | - |
| mm        | 1.78 | - | - | - | - |

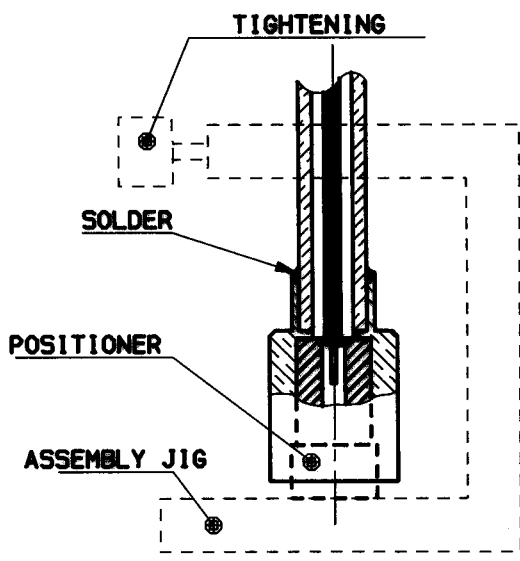
②

- 2-1 Trim cable centre conductor .  
Trimmer R282 062
- 



③

- 3-1 Introduce the cable into the connector body until contact with the body shoulder. Place the sub assembly into the assembly jig R282 740 (or equivalent) with positioner R282 860 120 and tighten it .
- 3-2 Solder body on the cable .
- 3-3 Let the assembly cool down before removing it from the jig .



| ISSUE | REVISION No | DESCRIPTION | BY | DATE |
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Initiated on 13-10-89  
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