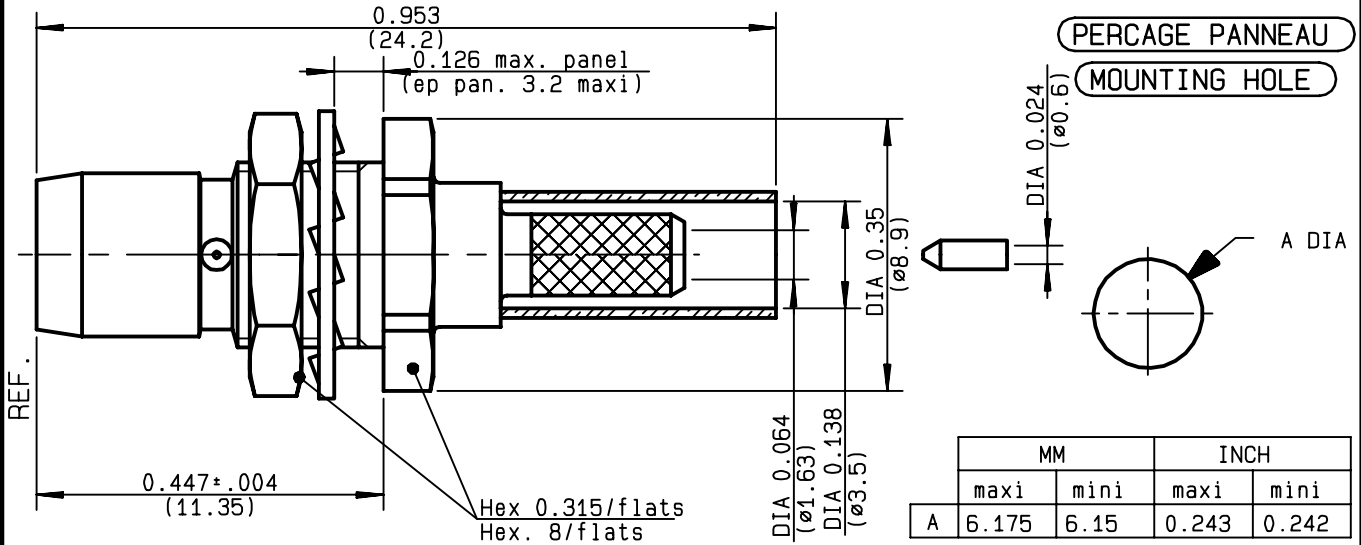


**STRAIGHT BULKHEAD PLUG CRIMP TYPE  
CABLE 2.6/50 D**

**R128.084.827**  
**SERIES BMA COM**



|                                 |                 |                          |
|---------------------------------|-----------------|--------------------------|
| NOMINAL IMPEDANCE               | <b>50</b>       | $\Omega$                 |
| FREQUENCY RANGE                 | <b>0-12.4</b>   | GHz                      |
| TEMPERATURE RATING              | <b>-65/+125</b> | $^{\circ}\text{C}$       |
| V.S.W.R                         | <b>1.15</b> +   | <b>.02</b> x F(GHz)Maxi  |
| RF INSERTION LOSS               | <b>0.03</b>     | $\sqrt{F}$ (GHz) dB Maxi |
| VOLTAGE RATING                  | <b>350</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>3.8</b>      | gr                       |
| SPECIFICATION                   |                 |                          |

CABLES : **K02252D**  
**RD 316**

OTHERS CHARACTERISTICS

|                            |            |           |
|----------------------------|------------|-----------|
| CABLE RETENTION            | <b>110</b> | N Mini    |
| CENTER CONTACT RETENTION   |            |           |
| Axial force - mating end   | <b>18</b>  | N Mini    |
| Axial force - opposite end | <b>18</b>  | N Mini    |
| Torque                     | <b>NA</b>  | cm.N Mini |
| RECOMMENDED TORQUES        |            |           |
| Mating                     | <b>NA</b>  | cm.N      |
| Panel nut                  | <b>150</b> | cm.N      |
| Clamp nut                  | <b>NA</b>  | cm.N      |

| CONNECTOR PARTS | MATERIALS | FINISH                 | (all values are given in micrometers) |
|-----------------|-----------|------------------------|---------------------------------------|
| BODY            | BRASS     | BBR 2                  |                                       |
| OUTER CONTACT   |           |                        |                                       |
| CENTER CONTACT  | BRONZE    | GOLD 1.3 OVER COPPER 2 |                                       |
| INSULATOR       | PTFE      | -                      |                                       |
| GASKET          |           | -                      |                                       |
| OTHERS PIECES   | BRASS     | BBR 2                  |                                       |

|                |                   |                  |
|----------------|-------------------|------------------|
| ISSUE          | CREATION DATE     | FILE PART-NUMBER |
| <b>9926A01</b> | <b>01/10/1996</b> | <b>EPC96-06</b>  |



BAFFERT

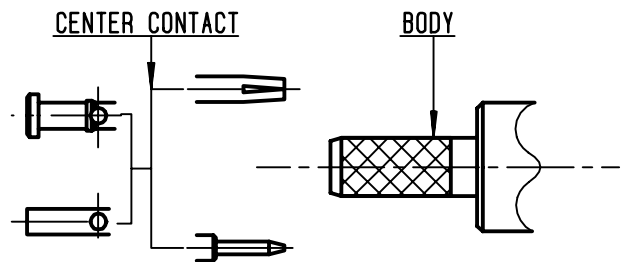
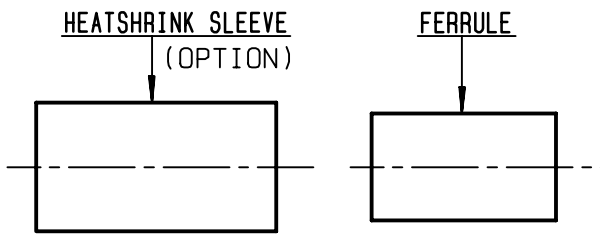
The information given here is subject to change without notice.  
Design changes may be in order to improve the product .

*Connect to the future*



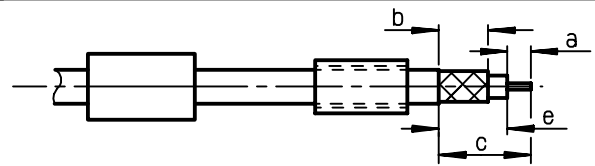
**R128.084.827**

ISSUE 9926A01 SERIES BMA COM



①

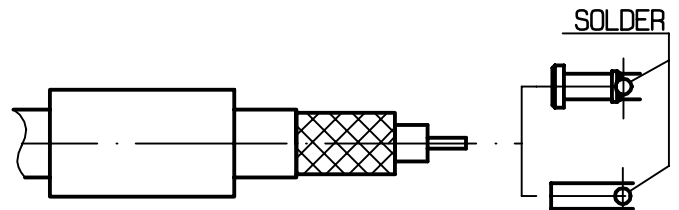
Slide ferrule and heatshrink sleeve onto cable .  
 (OPTION - R280 637 020)  
 Strip the cable  
 -



| Stripping | a     | b     | c     | d | e     |
|-----------|-------|-------|-------|---|-------|
| inch      | 0.059 | 0.256 | 0.421 | 0 | 0.362 |
| mm        | 1.5   | 6.5   | 10.7  |   | 9.2   |

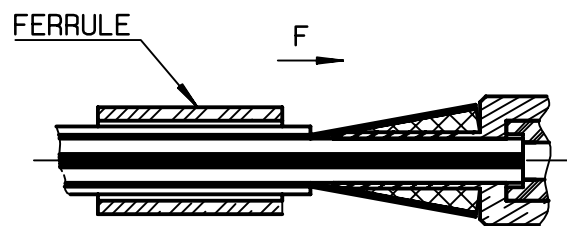
②

Slide center contact on until it bottoms against cable dielectric .  
 Solder center contact .  
 Clean soldered area .  
 -  
 -



③

Fan the braid .  
 Slide cable into body until it bottoms against insulator .  
 Slide ferrule over the braid .  
 (In direction F)



④

Crimp the ferrule with crimping tool R 282 271 000 ( Hex. : 3.84mm) or crimping tool R 282 293 000 ( M22520/5-01) + dies R 282 235 037 ( M22520/5-37 )  
 Cut the excess of braid if necessary  
 Slide sleeve over ferrule and heatshrink in place (OPTION)  
 -  
 -

Shrink the heatshrink sleeve

