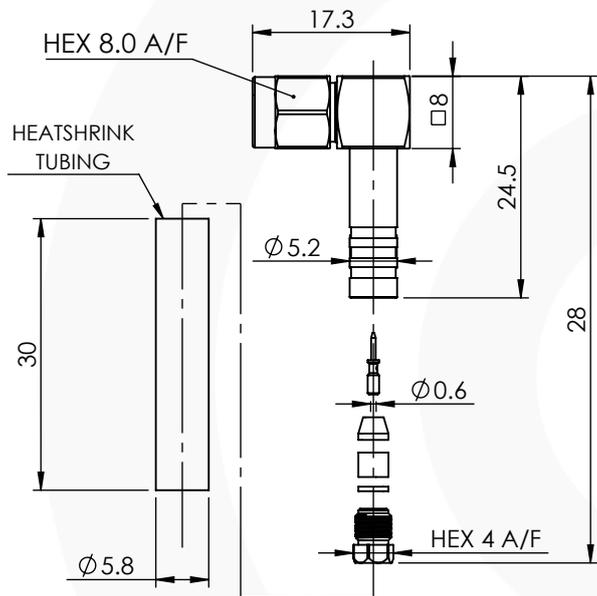


## RP SMA CRIMP / CLAMP SEALED RIGHT ANGLE PLUG

### 31-112-J3-AA



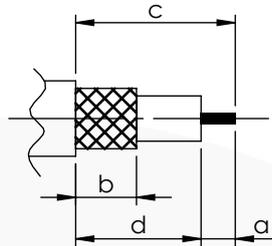
images for illustration purposes only



### Suitable for Cables:

(AA) RG178, RG196

### Stripping Dimensions



a = 3.0 mm  
b = 3.0 mm  
c = 6.5 mm  
d = 3.5 mm

\* CUT FOIL TO DIM. "b"

### Assembly Procedure: Not Applicable

### Tooling

Centre Contact: SQ 0.95mm A/F      Tool No: HTS-43  
Crimp Sleeve: Not Applicable      Tool No: Not Applicable  
Alignment Tool: Not Applicable      Extraction: Not Applicable

### Environmental Specification

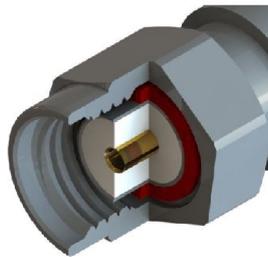
Operating Temp: -40 to +130 Deg C.  
IP Rating (Mated): IP 68 (10m for 4hrs)

### Electrical Specification      Mechanical Specification

Impedance: 50 Ohm      Contact Retention: 27 N min  
Frequency: 0-4 GHz      Cable Retention: 50 N min  
Dielectric W/V: 1000 Veff      Mating cycles: 500  
Insulation res: 5000 M-Ohm      Weight: 8.73 g

### Connector Interface

image for illustration purposes only



| 9    | FEMALE CONTACT            | BERYLLIUM COPPER | GOLD         |
|------|---------------------------|------------------|--------------|
| 8    | INTERNAL SEAL             | EPOXY            | N/A          |
| 7    | COUPLING NUT              | BRASS            | BLACK NICKEL |
| 6    | ADHESIVE LINED HEATSHRINK | POLYOLEFIN       | N/A          |
| 5    | GASKETS                   | SILICONE         | N/A          |
| 4    | CRIMP SLEEVE              | BRASS            | BLACK NICKEL |
| 3    | INSULATORS                | PTFE             | N/A          |
| 2    | MALE CONTACT              | BRASS            | GOLD         |
| 1    | BODIES                    | BRASS            | BLACK NICKEL |
| ITEM | DESCRIPTION               | MATERIAL         | PLATING      |

|   |              |                               |           |            |
|---|--------------|-------------------------------|-----------|------------|
| <b>A4</b>   | SHEET 1 OF 1 | DIMENSIONS ARE IN MILLIMETRES |           |            |
| REVISION :  | A05          | NAME                          | SIGNATURE | DATE       |
| ISSUE :   | 1            | DRAWN                         | G.E.      | 19/05/2021 |
|   |              | CHK'D                         | P.S.      | 19/05/2021 |
|   |              | APPV'D                        |           |            |
| 6-8 COLNE ROAD,<br>TWICKENHAM,<br>MIDDLESEX.<br>TW1 4JR   |              |                               |           |            |
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