

## Assembly Procedure

WEBSITE  
VIDEO No.

- Slide crimp sleeve onto cable
- Strip cable



- Slide centre contact onto cable conductor up to cable dielectric
- Ensure that the conductor is visible through the Contact inspection hole.
- Crimp the centre contact using appropriate sized crimping tool



- Fan the braid out



- Slide the cable into the connector and push home until the centre contact is in place



- Slide the crimp sleeve over the braid



- Crimp the crimp sleeve using the appropriate sized crimp tool (trim excess braid if necessary)

## Electrical Specification

Impedance: 50 Ohm  
 Frequency: TBC  
 Dielectric W/V: 750 V rms  
 Insulation res: 1000 M-Ohm

## Mechanical Specification

Centre contact retention  
 Axial Force: 10N  
 Cable Retention: 200N  
 Mating cycles: 500

## Environmental Specification

Operating Temp: -40 to +125 Deg C

## Tooling

Centre Contact: HEX 1.72mm A/F  
 COAX Tool No: 96-336 A  
 Crimp Sleeve: HEX 5.41mm A/F  
 COAX Tool No: 96-336 A

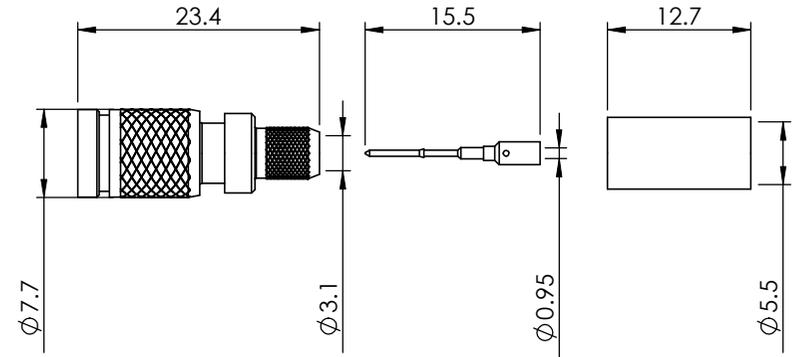


DO NOT SCALE DRAWING

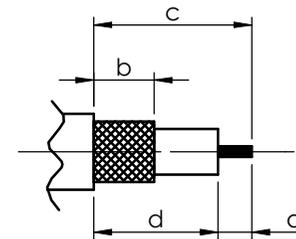


## DATA SHEET

SHEET 1 OF 1



## STRIPPING DIMENSIONS



a = 3.0mm  
 b = 8.0mm  
 c = 11.0mm  
 d = 11.0mm

| 7    | CRIMP SLEEVE   | BRASS    | NICKEL  |
|------|----------------|----------|---------|
| 6    | CENTRE CONTACT | BeCu     | GOLD    |
| 5    | BODY           | BRASS    | NICKEL  |
| 4    | INSULATOR      | PTFE     | N/A     |
| 3    | TINE BODY      | BeCu     | GOLD    |
| 2    | LOCKING WASHER | BeCu     | N/A     |
| 1    | OUTER BODY     | BRASS    | NICKEL  |
| ITEM | DESCRIPTION    | MATERIAL | PLATING |

**COAX CONNECTORS LTD**  
 6-8 COLNE ROAD, TWICKENHAM,  
 MIDDLESEX. TW1 4JR

REVISION : A00

A4

DIMENSIONS ARE IN MILLIMETERS

| NAME   | SIGNATURE | DATE       |
|--------|-----------|------------|
| DRAWN  | GE        | 16/03/2010 |
| CHK'D  | WF        | 16/03/2010 |
| APPV'D |           |            |

THE INFORMATION IS GIVEN AS AN INDICATION ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE. IN THE CONTINUAL GOAL TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO MAKE ANY MODIFICATIONS NECESSARY WITHOUT PRIOR NOTICE.

**Description** 1.0/2.3 PLUG for RG58

**Part Number** 52-005-B0-AH

