

### Assembly Procedure

1. Slide crimp sleeve onto cable
2. Strip cable



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



1. Fan the braid out



1. Slide the cable into the connector and push home until the centre contact "CLICKS" into place



### Electrical Specification

Impedance: 75 Ohm  
 Frequency: 0 - 2 Ghz  
 Dielectric W/V: 1000 V rms max  
 Insulation res: 1000 M-Ohm min

### Mechanical Specification

Centre contact retention  
 Axial Force: 10N  
 Cable Retention: 150N min  
 Mating cycles: 500

### Environmental Specification

Operating Temp: -45 to +85 Deg C

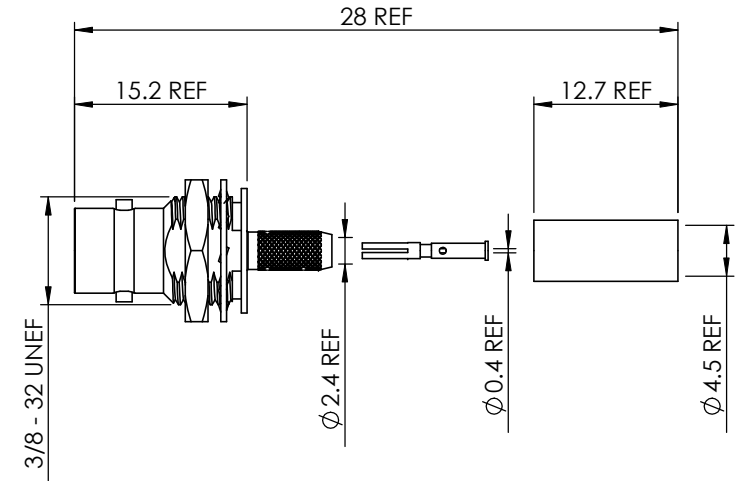
### Tooling

Centre Contact: SQ 1.07 mm A/F  
 Crimp Sleeve: HEX 4.52 mm A/F

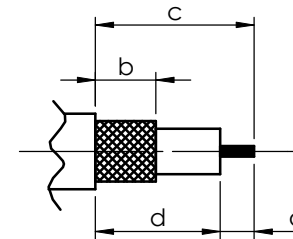
1. Slide the crimp sleeve over the braid
2. Crimp the crimp sleeve using the appropriate sized crimp tool (trim excess braid if necessary)



DO NOT SCALE DRAWING



### STRIPPING DIMENSIONS



a = 4.0 mm  
 b = 8.0 mm  
 c = 16.0 mm  
 d = 12.0 mm



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

**REVISION**  
 A00

<b>Description</b>	75 Ohm MINI BNC B/H SOCKET BT3002
<b>Part Number</b>	63-254-B6-BD

A4 DIMENSIONS ARE IN MILLIMETERS			
	NAME	SIGNATURE	DATE
DRAWN	GE		15/09/2009
CHK'D	IG		15/09/2009
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.

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6	RETAINER	BRASS	NICKEL
5	NUT	BRASS	NICKEL
4	LOCK WASHER	STEEL	NICKEL
3	INSULATOR	PTFE	N/A
2	CENTRE CONTACT	BERYLLIUM COPPER	GOLD
1	BODY	BRASS	NICKEL
ITEM	DESCRIPTION	MATERIAL	PLATING