

1. Slide crimp sleeve onto cable
2. Strip cable. Ensure centre conductor is not damaged. Tin centre conductor.
3. Place contact on Tinned centre conductor.
4. Ensure centre conductor is visible in the inspection hole in centre contact.
5. Heat centre contact so that the solder melts, adding additional as required. Care should be taken not to overheat the contact. Allow to cool.
6. Fan the braid out
7. Slide the cable into the connector and push home until the centre contact is in place
8. Slide the crimp sleeve over the braid
9. Crimp the crimp sleeve using the appropriate sized crimp tool (trim excess braid if necessary)



**Electrical Specification**

Impedance: 50 Ohm  
 Frequency: 0 - 4 GHz  
 Dielectric W/V: 750 V rms  
 Insulation res: 5000 M-Ohm min

**Mechanical Specification**

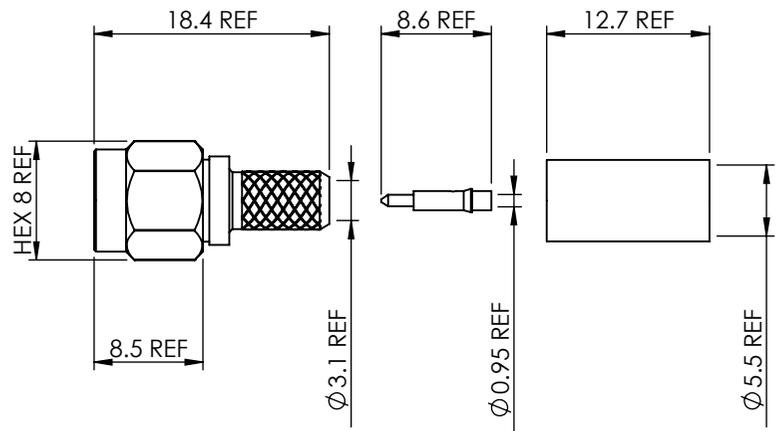
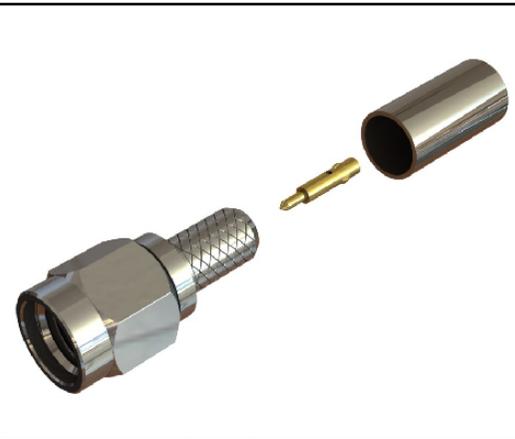
Centre contact retention  
 Axial Force: 27N  
 Cable Retention: 180N  
 Mating cycles: 500

**Environmental Specification**

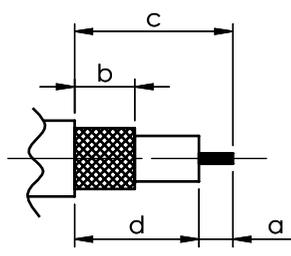
Operating Temp: TBC

**Tooling**

Centre Contact: SOLDER  
 COAX Tool No: N/A  
 Crimp Sleeve: HEX 5.41mm A/F  
 COAX Tool No: 336A



**STRIPPING DIMENSIONS**



a = 3.0mm  
 b = 8.0mm  
 c = 13.0mm  
 d = 10.0mm



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

**Description** SMA PLUG FOR RG58

**Part Number** 30-005-B3-AH

REVISION : A00  
 ISSUE : 1

DIMENSIONS ARE IN MILLIMETERS		
NAME	SIGNATURE	DATE
DRAWN	GE	11/8/10
CHK'D	IG	11/8/10
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.

7	CRIMP SLEEVE	BRASS	NICKEL
6	CENTRE CONTACT	BRASS	GOLD
5	BODY	BRASS	NICKEL
4	RETAINING RING	ST/STL	N/A
3	GASKET	SILICONE	N/A
2	INSULATOR	PTFE	N/A
1	COUPLING NUT	BRASS	NICKEL
ITEM	DESCRIPTION	MATERIAL	PLATING