



| DESCRIPTION | MATERIAL | FINISH |
|----------------------|------------------|-------------|
| BODY | BRASS | GOLD PLATED |
| INSULATOR | PTFE / TEFLON | N/A |
| CENTER CONTACT / PIN | BERYLLIUM COPPER | GOLD PLATED |
| FERRULE | BRASS | GOLD PLATED |
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STRIP DIMENSIONS

A = 5.00 mm
 B = 2.00 mm
 C = 3.00 mm

TERMINATION

CENTRE CONTACT : 0.72 mm A/F Crimp Square or Solder
 FERRULE : 3.25 mm A/F Crimp Hex

COAX CABLE ASSEMBLY

- STRIP CABLE TO THE DIMENSIONS SHOWN ABOVE TAKING CARE NOT TO CUT INTO THE BRAID OR DIELECTRIC BEYOND THE REQUIRED POINTS.
- CAREFULLY PLACE A PIECE OF HEAT SHRINK SLEEVE THEN THE FERRULE OVER THE JACKET OF THE CABLE. CRIMP USING A 0.72mm A/F SQUARE OR SOLDER THE CONTACT ON TO THE CENTER CONDUCTOR OF THE CABLE MAKING SURE IT IS POSITIONED TIGHT AGAINST THE DIELECTRIC.

- CAREFULLY FAN THE BRAID OUTWARDS SO THAT WHEN THE SUB ASSEMBLY IS INSERTED INTO THE CONNECTOR BODY AND CENTER CONTACT IS CORRECTLY SEATED IN POSITION ALL THE BRAID LAYS EXTERNAL TO THE CONNECTOR.

- FINALLY SLIDE THE FERRULE DOWN THE CABLE AND OVER THE BRAID MAKING SURE IT SITS TIGHT AGAINST THE CONNECTOR BODY THEN CRIMP USING A 3.25MM A/F HEX, SLIDE HEAT SHRINK INTO PLACE AND SHRINK.

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| ISSUE: | A | TITLE: SMC Crimp Plug Cable Group - RG174 |
| DIM: | mm | |
| SCALE: | 5 / 1 | PART No: B5147-P1NN-301-100G |
| DATE: | 10/01/10 | |