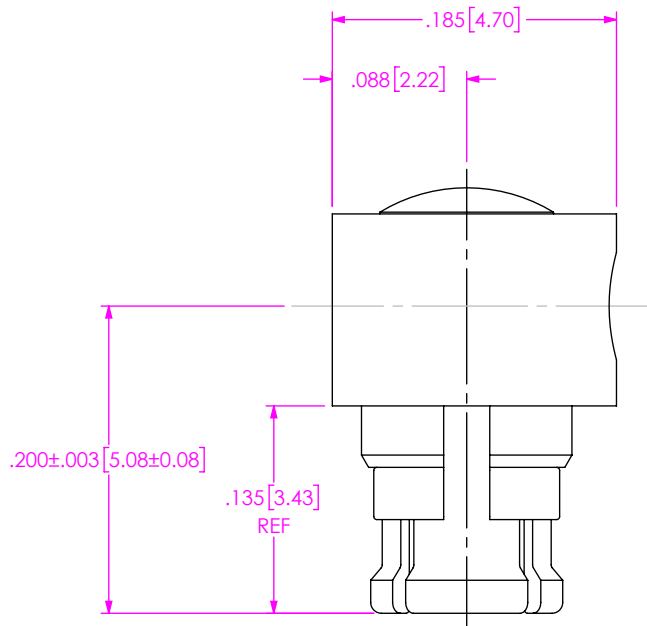


DO NOT SCALE FROM THIS PRINT



DESIGNED & DIMENSIONED IN INCHES

PRF00-J-C-EE-047A-RD

**SERIES**  
-00: SMP

**GENDER**  
-J: JACK

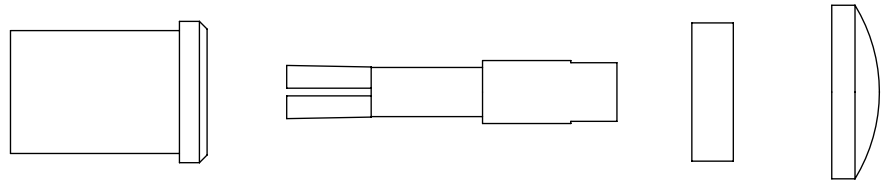
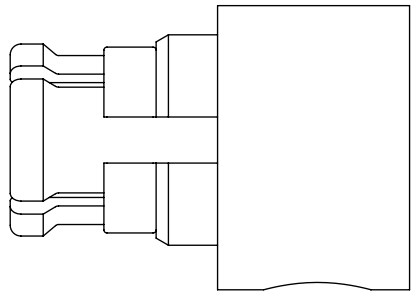
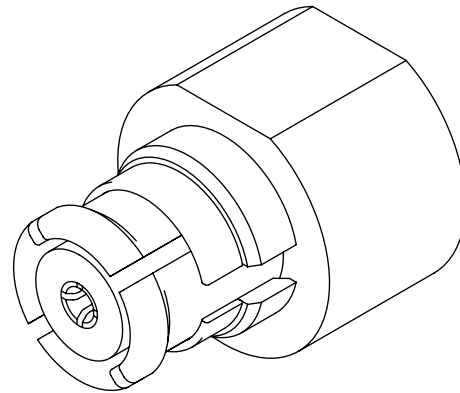
**TYPE**  
-C: CABLE

**TERMINATION**  
-D: DIRECT SOLDER

**ORIENTATION**  
-R: RIGHT ANGLE

**CABLE TYPE**  
-047A: TEMP FLEX 1000671047

**FINISH**  
-EE: 50μ" EXTRA HEAVY GOLD CENTER CONTACT, 50μ" EXTRA HEAVY GOLD OUTER CONTACT



EXPLODED VIEW  
NOT TO SCALE  
(FOR CLARITY ONLY)

- NOTES:
- MATERIALS:  
BODY, CONTACT, EMI RING, ANTI-ROCK RING: BERYLLIUM COPPER  
SOLDER FERRULE, END CAP: BRASS ALLOY  
INSULATOR, BEAD: PTFE
  - FINISH:  
BODY, CONTACT, EMI RING, ANTI-ROCK RING, SOLDER FERRULE,  
END CAP: 50μ" GOLD OVER 50μ" NICKEL PLATE
  - PCI P/N: 3756.

F:\DWG\MISC\MKTG\PRF00-J-C-EE-047A-RD-MKT.SLDDRW

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.  
TOLERANCES ARE:  
DECIMALS ANGLES  
.XX: ±.01 [0.3] 1°  
.XXX: ±.005 [0.13]  
.XXXX: ±.0005 [0.013]

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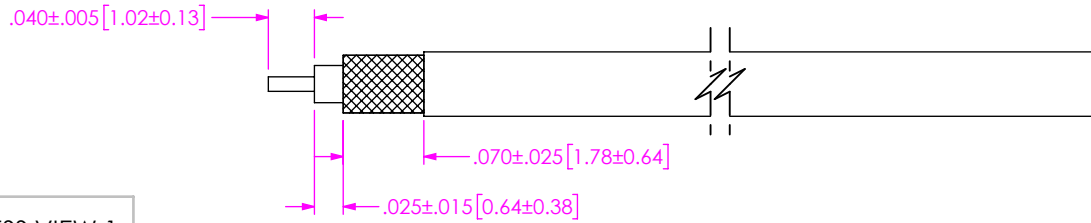
520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail info@SAMTEC.com code 55322

DO NOT SCALE DRAWING SHEET SCALE: 8:1

DESCRIPTION: SMP SOCKET, MITER RT. ANGLE, DIRECT SOLDER FOR TEMP-FLEX 1000671047 CABLE

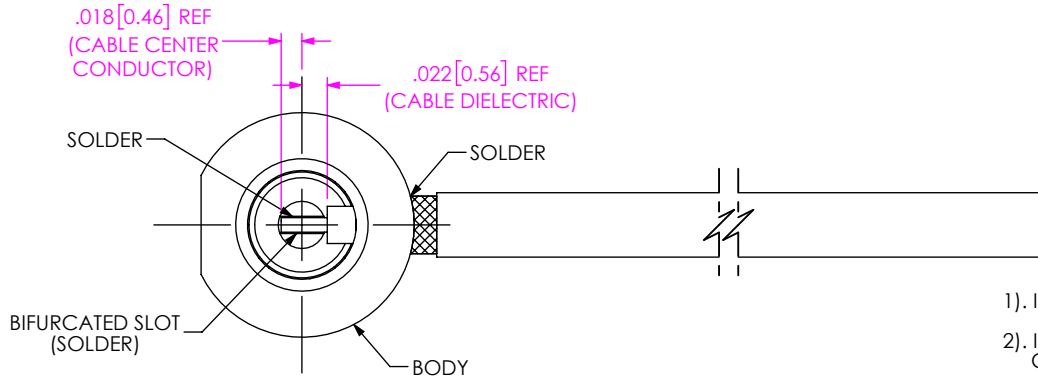
DWG. NO. PRF00-J-C-EE-047A-RD

BY: JERRY SU 04/06/2019 SHEET 1 OF 2



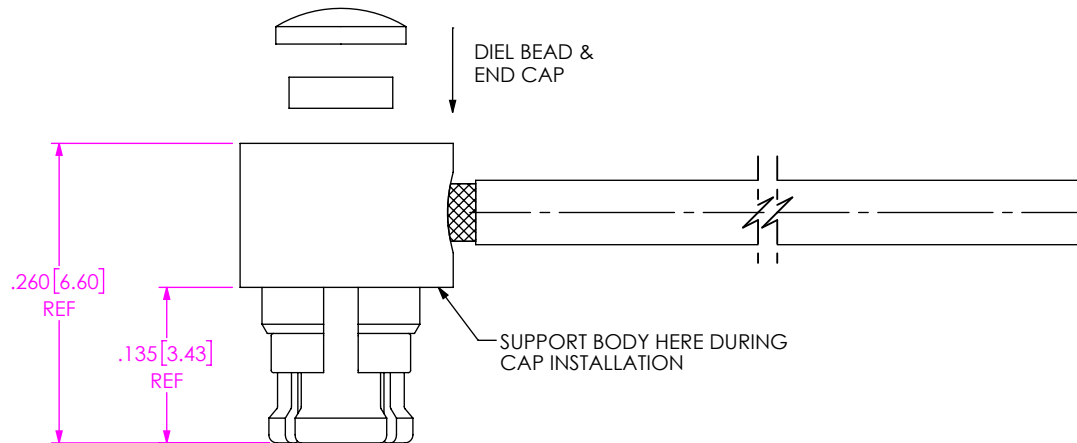
IN-PROCESS VIEW 1

1). TRIM CABLE TO EXPOSE CENTER CONDUCTOR BRAIDS AS SHOWN.



IN-PROCESS VIEW 2

- 1). INSERT INSULATOR & CONTACT INTO BODY (ORIENT CONTACT SLOT AS SHOWN).
- 2). INSERT CABLE INTO BODY UNTIL DIELECTRIC CORE IS FULLY SEATED. SOLDER CABLE BRAIDS TO BODY WHERE SHOWN.
- 3). SOLDER CABLE CENTER CONDUCTOR TO CONTACT SLOT COMPLETELY FILLING SLOT BUT MINIMIZING EXCESS FLOW ONTO CONTACT OUTER SURFACE.



IN-PROCESS VIEW 3

- 1). INSTALL TFE DIELECTRIC BEAD AND END CAP INTO BODY COUNTERBORE AND PRESS CAP FLUSH TO BODY USING A FLAT TOOL OR VICE WITH BODY SHOULDER RESTING AGAINST A FLAT, PARALLEL SURFACE.
- 2). INSPECT CONNECTOR CONTACT AND INSULATOR INTERFACE DIMENSIONS USING THE APPROPRIATE GAGES TO VERIFY SURFACES ARE SUBFLUSH TO CONNECTOR INTERFACE WITHIN THE FOLLOWING RANGES: CONTACT = .001/.004 SUBFLUSH; INSULATOR = .001/.003 SUBFLUSH

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 PHONE: 812-944-6733 FAX: 812-948-5047  
 e-Mail info@SAMTEC.com code 55322

DO NOT SCALE DRAWING

SHEET SCALE: 3:1

DESCRIPTION: SMP SOCKET, MITER RT. ANGLE, DIRECT SOLDER FOR TEMP-FLEX 1000671047 CABLE

DWG. NO. PRF00-J-C-EE-047A-RD

BY: JERRY SU 04/06/2019 SHEET 2 OF 2