

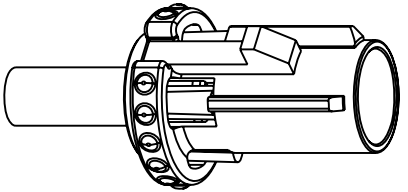
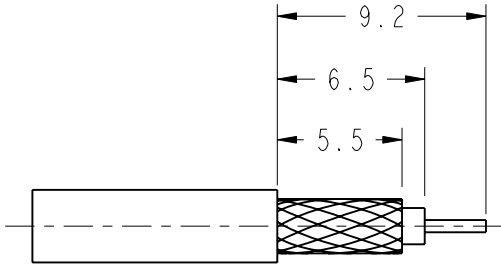
NOTES:

1. MATERIALS AND FINISHES( MICRO-INCHES)
- BODY = ZINC DIECAST (PER ASTM-B86, UNS Z33520) NICKEL PL. (150 MIN.) THICK OVER COPPER PL. (100 MIN.) THICK
- INSULATOR = PTFE PER ASTM D1710, COLOR: NATURAL.
- HOUSING = NYLON 46, 30% GLASS FILLED, PER KDF, AKROMID A GRADE A3GF14, COLOR PER AMPHENOL SPEC. 349-50688 (REFER TO TABLE BELOW FOR KEY CODE)
- FERRULE = COPPER (PER ASTM-B75,UNS C11000 OR C12200 ) NICKEL PL. 100 MIN. THICK OVER COPPER STRIKE
- CONTACT SUPPLIED SEPARATELY AS P/N:
1. FKCP03401A (5,000 PCS. REEL),CRIMP AREA: NICKEL PLATED
2. 923-10735 (5,000 PCS. REEL),CRIMP AREA: TIN PLATED
- FERRULE MAY BE PURCHASED SEPARATELY AS P/N: FKFR00101A (100 PCS. TRAY)
2. ELECTRICAL:
- A. IMPEDANCE: 50 OHM, NOMINAL
- B. FREQUENCY RANGE: DC-4.0GHz
- C. VSWR(RETURN LOSS): 1.400(-15.6dB) MAX.
- D. DIELECTRIC WITHSTANDING VOLTAGE:800 VRMS, MIN.
3. MECHANICAL:
- A. DURABILITY: 100 CYCLES MIN.
- B. TEMPERATURE RANGE: -40° C TO 100° C
4. PACKAGING:
- A. QUANTITY: TRAY PACK
- B. MARKING: TRAY TO BE MARKED "AMPHENOL, 2FAI-NXSP-C01WI, AND DATE CODE"
5. CABLE ASSEMBLY INSTRUCTIONS AND FERRULE HEX CRIMP PER 349-50914. CRIMP CONTACT ONTO CABLE PER 349-50747

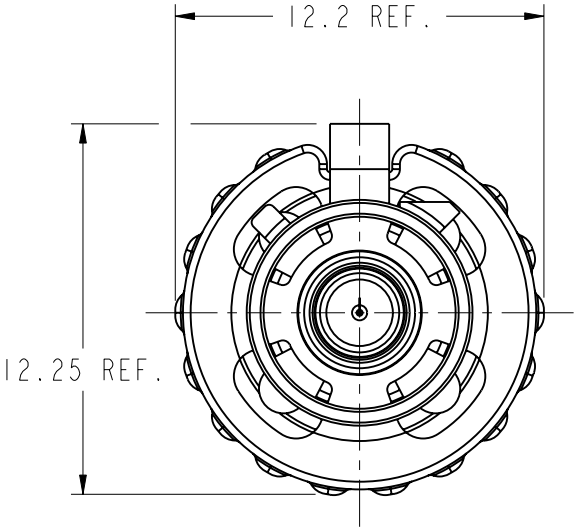
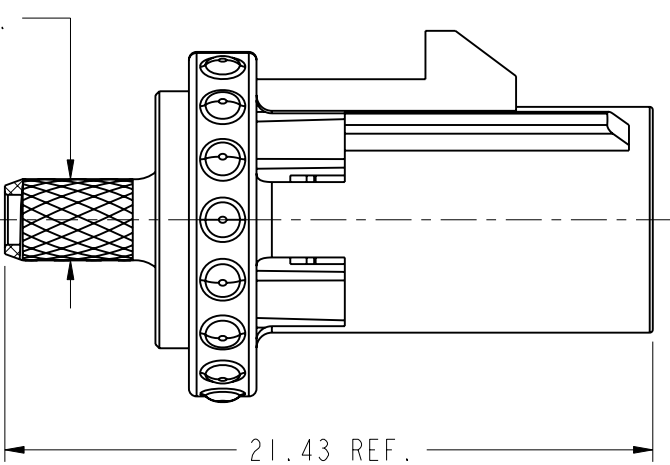
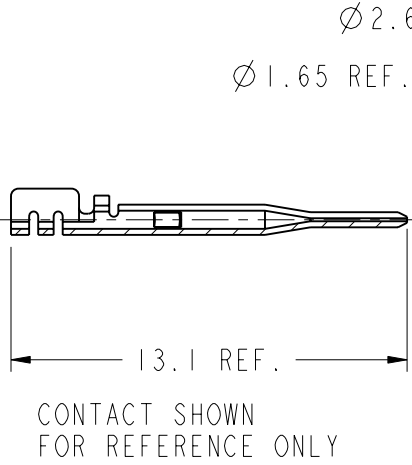
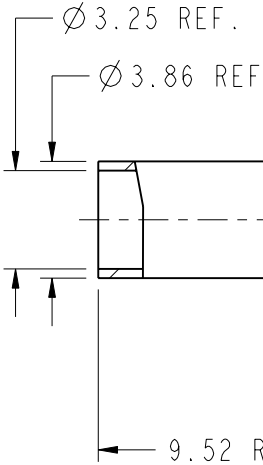
THIRD ANGLE PROJ.

REVISIONS

| REV | DESCRIPTION                                                               | DATE      | ECO   | APPR |
|-----|---------------------------------------------------------------------------|-----------|-------|------|
| A   | RELEASE TO MFG.                                                           | 11-SEP-08 | ----- | JL   |
| B   | UPDATED THE CABLE STRIPPING DIM'S; THE BODY WAS CHANGED; \RD-DM09033001A\ | 01-Apr-09 | ----- | SH   |
| C   | ADDED TIN PLATED CONTACT SELECTION IN NOTE 1                              | 27-Feb-18 | 06181 | HL   |
| D   | REPLACE FERRULE HEX CRIMP NOTE WITH 349-50914                             | 02-May-18 | 08004 | RD   |



RECOMMENDED  
CABLE STRIPPING DIM'S



| CODING | DRAWING NO.     | COLOR          | RAL NO. |
|--------|-----------------|----------------|---------|
| A      | 2FAI-NASP-C01WI | JET BLACK      | 9005    |
| B      | 2FAI-NBSP-C01WI | CREAM          | 9001    |
| C      | 2FAI-NCSP-C01WI | SIGNAL BLUE    | 5005    |
| D      | 2FAI-NDSP-C01WI | CLARET VIOLET  | 4004    |
| E      | 2FAI-NESP-C01WI | LEAF GREEN     | 6002    |
| F      | 2FAI-NFSP-C01WI | NUT BROWN      | 8011    |
| G      | 2FAI-NGSP-C01WI | BLUE GREY      | 7031    |
| H      | 2FAI-NHSP-C01WI | HEATHER VIOLET | 4003    |
| I      | 2FAI-NISP-C01WI | BEIGE          | 1001    |
| K      | 2FAI-NKSP-C01WI | CURRY          | 1027    |
| L      | 2FAI-NLSP-C01WI | CARMINE RED    | 3002    |
| M      | 2FAI-NMSP-C01WI | PASTEL ORANGE  | 2003    |
| N      | 2FAI-NNSP-C01WI | PASTEL GREEN   | 6019    |
| Z      | 2FAI-NZSP-C01WI | WATER BLUE     | 5021    |

CONFIGURATION CONTROL:  
NO CHANGES PERMITTED TO DRAWING WITHOUT  
PPAP QUALIFIED CUSTOMER APPROVAL

CUSTOMER OUTLINE DRAWING  
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                           |                          |                   |                                                                          |                  |                                                                                      |                             |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------|-------------------|--------------------------------------------------------------------------|------------------|--------------------------------------------------------------------------------------|-----------------------------|--|
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:<br>0.5 - 6mm ±0.1mm<br>6 - 30mm ±0.2mm<br>30 - 120mm ±0.3mm<br>ANGLES ±1°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | MATERIAL<br>-             | DRAWN<br>J.LIU           | DATE<br>11-SEP-08 | TITLE<br>FAKRA (GEN II) PLUG,<br>C01 CABLE GROUP WITH<br>STAMPED CONTACT |                  | Amphenol RF<br>Danbury CT USA, Tainan, Taiwan, Shenzhen, China<br>www.amphenolrf.com |                             |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                           | ENGINEER<br>J.YANG       | DATE<br>11-SEP-08 |                                                                          |                  |                                                                                      |                             |  |
| NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implicatioin or otherwise in any manner licensing, granting rights to permitting such holder or any other sperson to manufacture, use or sell any product, process or design, patented or otherwsie, that may in any way be related to or disclosed by said drawings, specifications, or other data. | REFERENCE<br>EAR 7653 AND | APPROVED<br>S.HSIEH      | DATE<br>08-May-18 | SCALE: 3.0:1.0                                                           |                  | DRAWING NO.2FAI-NXSP-C01WI                                                           |                             |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | CONFIGURATION LEVEL:      | CAD FILE                 |                   | DWG SIZE<br>B                                                            | CODE ID<br>74868 | SHEET<br>2 OF 2                                                                      | ITEM NO.<br>2FAI-NXSP-C01WI |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | FINISH                    | I:\FAKRA\2FAI-NXSP-C01WI |                   |                                                                          | REV<br>D         |                                                                                      | PART NO.<br>2FAI-NXSP-C01WI |  |