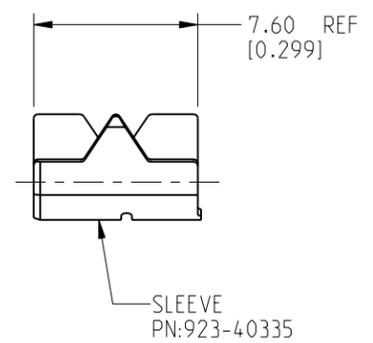
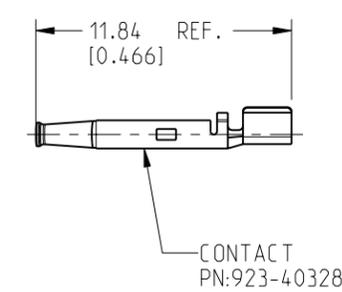
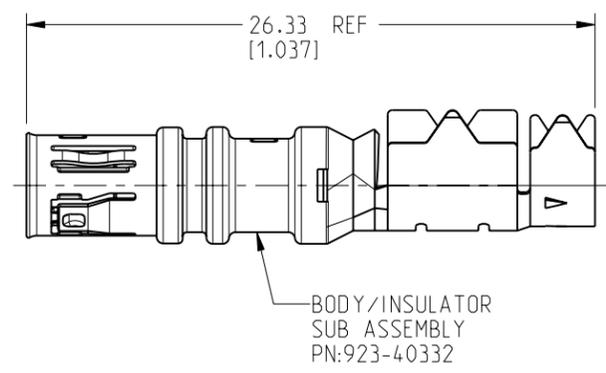
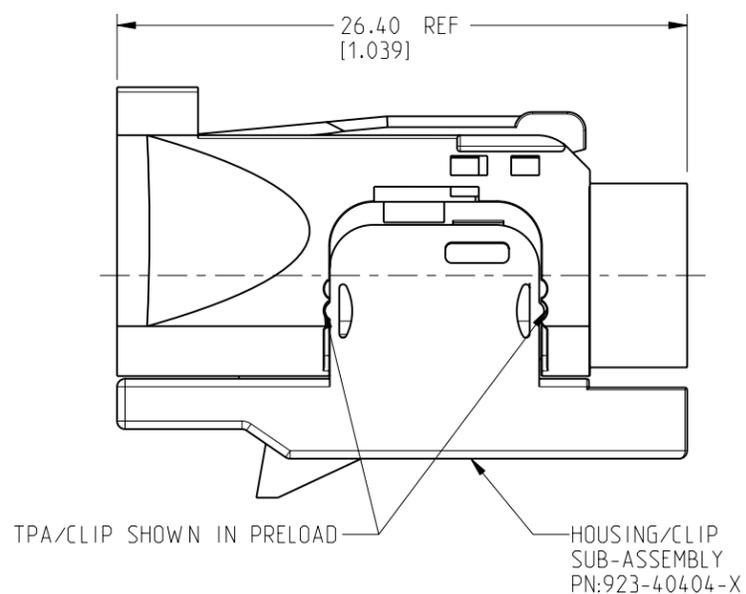
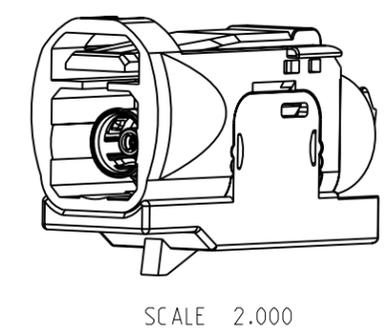
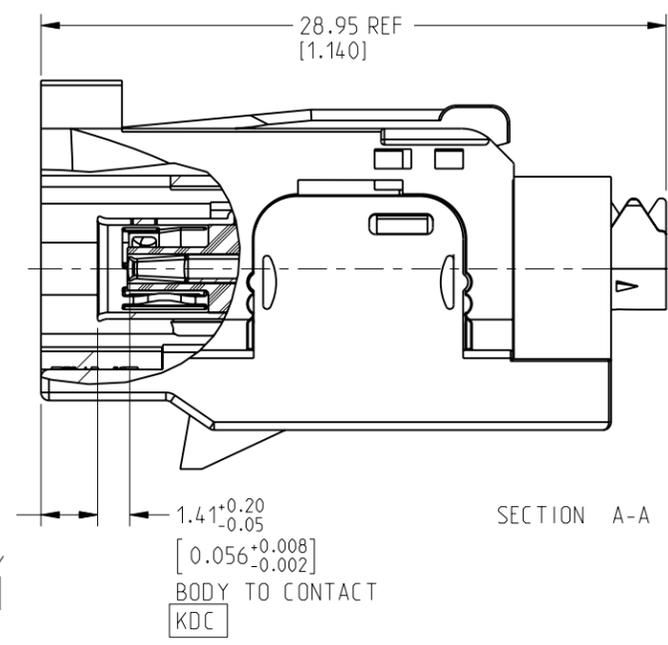
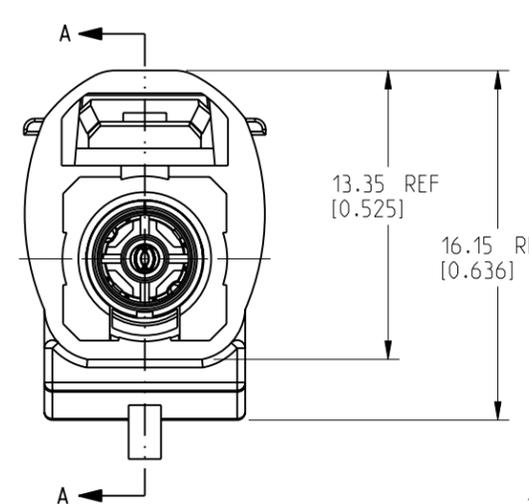


NOTES:

- MATERIAL AND FINISHES**  
 BODY - PHOSPHOR BRONZE, TIN PLATING  
 CONTACT - COPPER ALLOY, MATING AREA:GOLD PLATING OVER NICKEL PLATING  
 INSULATOR - PA. NATURAL  
 FAKRA HOUSING - PBT, COLOR:PER TABLE  
 CLIP - PBT.COLOR:SULFUR YELLOW  
 SLEEVE - PHOSPHOR BRONZE, NICKEL PLATING  
  
 C30 BODY/INSULATOR SUB-ASSEMBLY AS P/N: 923-40332 (2.000 PCS/REEL)  
 C30 HOUSING/CLIP SUB-ASSEMBLY AS P/N: 923-40404-X  
 CONTACTS ARE SUPPLIED ON REELS AS P/N: 923-40328 (5.000 PCS/REEL)  
 SLEEVES ARE SUPPLIED ON REELS AS P/N: 923-40335 (3.000 PCS/REEL)  
 CABLE DEFINITIONS PER AMPHENOL REPORT DE825
- ELECTRICAL:**  
 A. IMPEDANCE: 50 OHM NOMINAL  
 B. FREQUENCY RANGE: DC - 3 GHz  
 C. VSWR (RETURN LOSS): 1.20 MAX. (-20.80 dB MIN.) @ DC - 200 MHz  
 1.40 MAX. (-15.60 dB MIN.) @ 200 MHz - 2 GHz  
 1.50 MAX. (-13.90 dB MIN.) @ 2 - 3 GHz  
 D. DIELECTRIC WITHSTANDING VOLTAGE: 800 VRMS, MIN.
- MECHANICAL:**  
 A. DURABILITY: 100 CYCLES MIN.  
 B. TEMPERATURE RANGE: -40°C TO +105°C  
 C. MECHANICAL PULL: 90 N MIN.(NON-USCAR STANDARD)  
 D. CONTACT RETENTION: 10 N MIN.
- CONNECTOR ASSEMBLY:**  
 SEE 349-50874 FOR CONNECTOR ASSEMBLY INSTRUCTIONS
- PACKAGING:**  
 A. QUANTITY:  
 REEL PACK (BODY/INSULATOR,CONTACT AND SLEEVE)  
 TRAY PACK (HOUSING/CLIP)  
 B. REEL AND BAG TO BE MARKED: AMPHENOL RF  
 4FA1-NXSJAC30W6  
 DATE CODE
- ALL DIMENSIONS MECHANICAL & ELECTRICAL DESIGN COMPLY WITH DIN 72594-1 AND USCAR-18 SPEC.**

| REVISIONS |                 |           |     |    |
|-----------|-----------------|-----------|-----|----|
| REV       | DESCRIPTION     | DATE      | ECN | BY |
| A         | RELEASE TO MFG. | 03-Nov-23 |     | RC |



| CODING | DRAWING NO.     | HOUSING COLOR  | RAL NO. |
|--------|-----------------|----------------|---------|
| A      | 4FA1-NASJAC30W6 | JET BLACK      | 9005    |
| B      | 4FA1-NBSJAC30W6 | CREAM          | 9001    |
| C      | 4FA1-NCSJAC30W6 | SIGNAL BLUE    | 5005    |
| D      | 4FA1-NDSJAC30W6 | CLARET VIOLET  | 4004    |
| E      | 4FA1-NESJAC30W6 | LEAF GREEN     | 6002    |
| F      | 4FA1-NFSJAC30W6 | NUT BROWN      | 8011    |
| G      | 4FA1-NGSJAC30W6 | BLUE GREY      | 7031    |
| H      | 4FA1-NHSJAC30W6 | HEATHER VIOLET | 4003    |
| I      | 4FA1-NISJAC30W6 | BEIGE          | 1001    |
| K      | 4FA1-NKSJAC30W6 | CURRY          | 1027    |
| L      | 4FA1-NLSJAC30W6 | CARMINE RED    | 3002    |
| M      | 4FA1-NMSJAC30W6 | PASTEL ORANGE  | 2003    |
| N      | 4FA1-NNSJAC30W6 | PASTEL GREEN   | 6019    |
| Z      | 4FA1-NZSJAC30W6 | 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

|  |  |  |  |  |  |   |  |   |  |
|--|--|--|--|--|--|---|--|---|--|
| 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 implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data. |  | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE METRIC (INCHES) AND TOLERANCES ARE:<br><0.5mm = ±0.05mm [-0.020 = ±0.002]<br>0.5 - 6mm = ±0.1mm [0.020 - 0.236 = ±0.004]<br>>6.00 - 30mm = ±0.2mm [0.236 - 1.181 = ±0.008]<br>>30.00 - 120mm = ±0.3mm [1.181 - 4.725 = ±0.012] |  | MATERIAL<br>SEE NOTES                      |  | TITLE<br>FAKRA II (GEN 4) SINGLE STR JACK FOR C30 CABLE GROUP TAPE & REEL CONTACT (SUPPLIED SEPARATELY) |  | Amphenol RF   |  |
| THIRD ANGLE PROJ.  REFERENCE   |  | ANGLES = ±1°   |  | ENGR.1 Chris Liu ENGR.2 Ham DATE 02-Nov-23 |  | SHEET NO. 2 OF 2 SCALE: 3.0:1.0   |  | DRAWING NO. 4FA1-NXSJAC30W6<br>ITEM NO. 4FA1-NXSJAC30W6<br>PART NO. 4FA1-NXSJAC30W6 |  |