

NOTES:

1. MATERIAL AND FINISHES

BODY - PHOSPHOR BRONZE, TIN PL. THICK OVER NICKEL PLATING.
 CONTACT - COPPER ALLOY, GOLD PL. OVER NICKEL PLATING.
 INSULATOR - GRIVORY, NATURAL
 FAKRA HOUSING - PBT 15% GLASS FILLED.
 CLIP - PBT 15% GLASS FILLED.
 SLEEVE - BRASS, NICKEL PLATING.

C30 BODY/INSULATOR SUB-ASSEMBLY P/N: 923-40333 (1,800 PCS/REEL)
 C30 HOUSING/CLIP SUB-ASSEMBLY P/N: 923-40219
 CONTACTS ARE SUPPLIED SEPARATELY AS P/N: 923-40329 (5,000 PCS. REEL)
 SLEEVES ARE SUPPLIED SEPARATELY AS P/N: 923-40335 (5,000 PCS. REEL)
 CABLE DEFINITIONS PER AMPHENOL REPORT DE825

2. ELECTRICAL:

A. IMPEDANCE: 50 OHM
 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.

3. 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.

4. CONNECTOR ASSEMBLY:

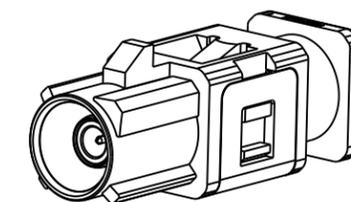
A. SEE 349-50874 FOR CONNECTOR ASSEMBLY INSTRUCTIONS
 B. SEE 349-50885 FOR RF CONTACT TOOLING

5. PACKAGING:

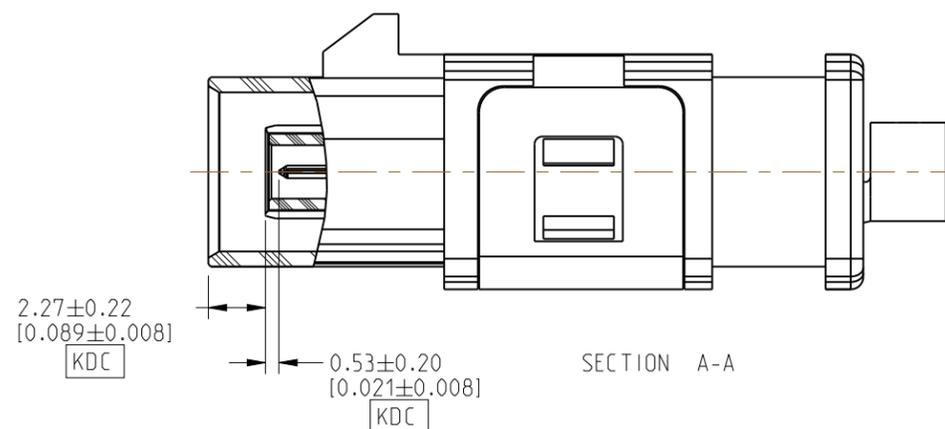
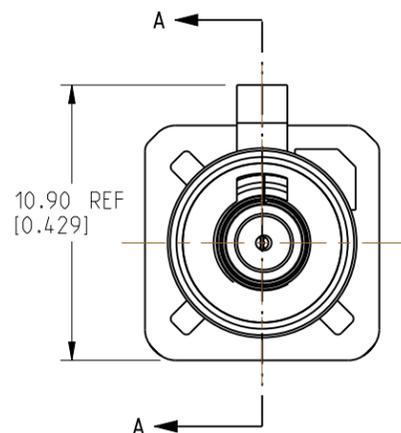
A. QUANTITY:
 REEL PACK (BODY/INSULATOR, CONTACT AND SLEEVE)
 TRAY PACK (HOUSING/CLIP)
 B. REEL AND BAG TO BE MARKED: AMPHENOL RF
 4FA1-NXSPAC30WS
 DATE CODE

6. ALL DIMENSIONS MECHANICAL & ELECTRICAL DESIGN COMPLY WITH DIN 72594-1 AND USCAR-18 SPEC.

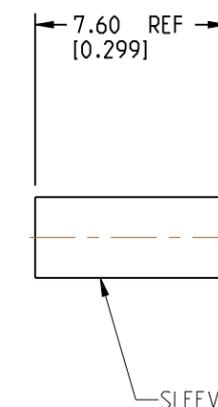
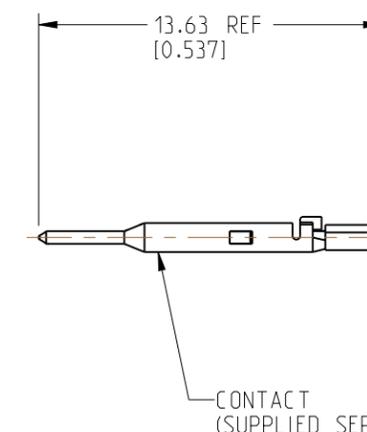
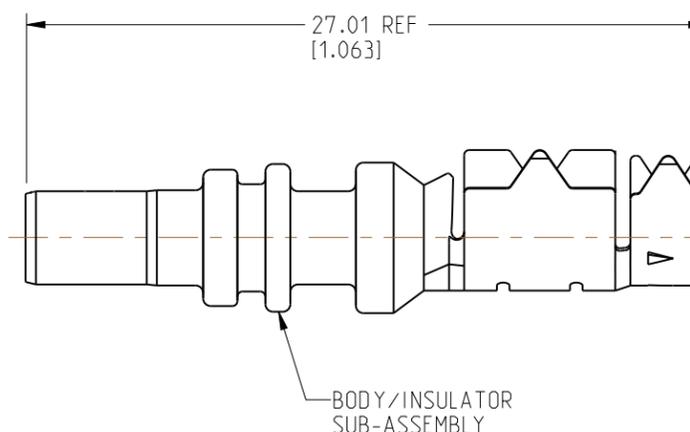
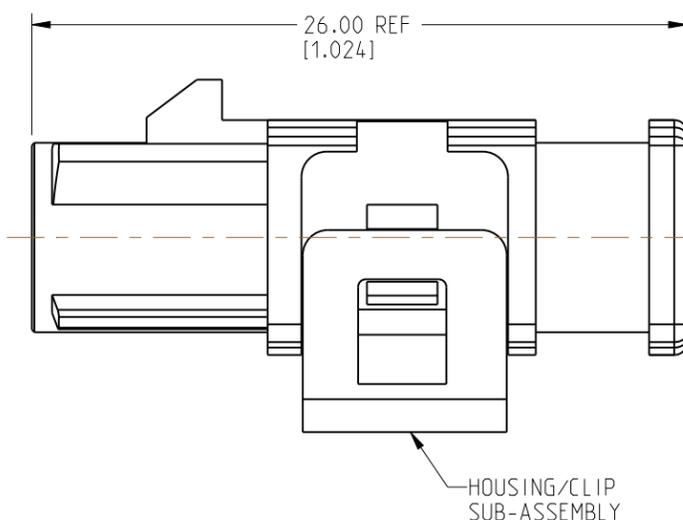
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
3				



SCALE 2.000



AFTER ASSEMBLY



CODING	DRAWING NO.	COLOR	RAL NO.
A	4FA1-NASPAC30WS	JET BLACK	9005
B	4FA1-NBSPAC30WS	CREAM	9001
C	4FA1-NCSPAC30WS	SIGNAL BLUE	5005
D	4FA1-NDSPAC30WS	CLARET VIOLET	4004
E	4FA1-NESPAC30WS	LEAF GREEN	6002
F	4FA1-NFSPAC30WS	NUT BROWN	8011
G	4FA1-NGSPAC30WS	BLUE GREY	7031
H	4FA1-NHSPAC30WS	HEATHER VIOLET	4003
I	4FA1-NISPAC30WS	BEIGE	1001
K	4FA1-NKSPAC30WS	CURRY	1027
L	4FA1-NLSPAC30WS	CARMINE RED	3002
M	4FA1-NMSPAC30WS	PASTEL ORANGE	2003
N	4FA1-NNSPAC30WS	PASTEL GREEN	6019
Z	4FA1-NZSPAC30WS	WATER BLUE	5021

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

PRELIMINARY ISSUE

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: <0.5mm = ±0.05mm [-0.020 = ±0.002] 0.5 - 6mm = ±0.1mm [-0.020 - 0.236 = ±0.004] >6.00 - 30mm = ±0.2mm [-0.236 - 1.181 = ±0.008] >30.00 - 120mm = ±0.3mm [-1.181 - 4.725 = ±0.012]		MATERIAL SEE NOTES		TITLE FAKRA II (GEN 4) SINGLE STR PLUG FOR C30 CABLE GROUP		DRAWING NO. 4FA1-NXSPAC30WS ITEM NO. 4FA1-NXSPAC30WS PART NO. 4FA1-NXSPAC30WS		REV A
THIRD ANGLE PROJ.	REFERENCE 4FA1-NXSP-C30WS	EAR# EAR #	ANGLES = ±1°	ENGR.1 Chris Liu	ENGR.2	DATE 15-Aug-23	SHEET NO. 2 OF 2	SCALE: 3.5:1.0	B	