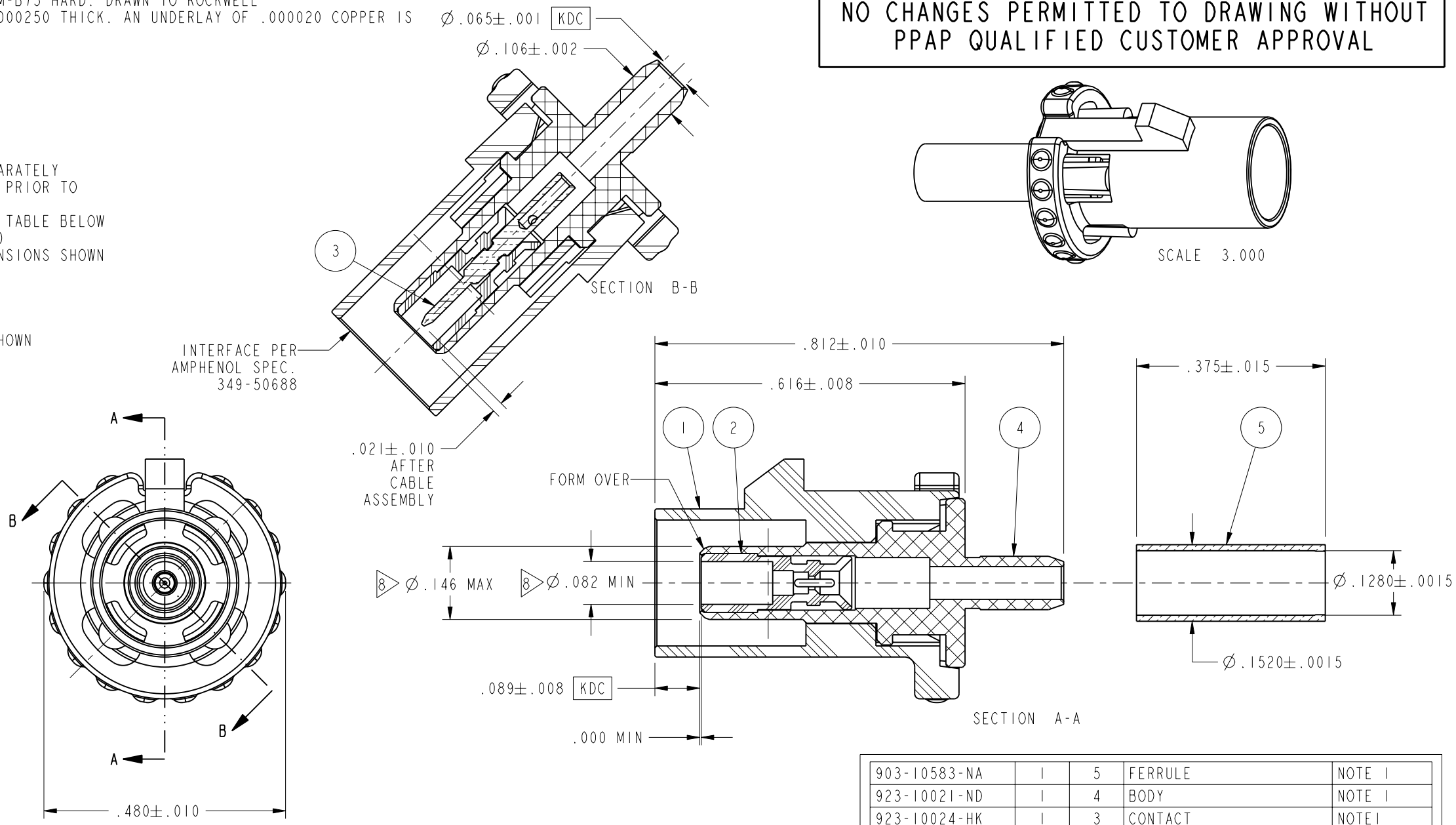
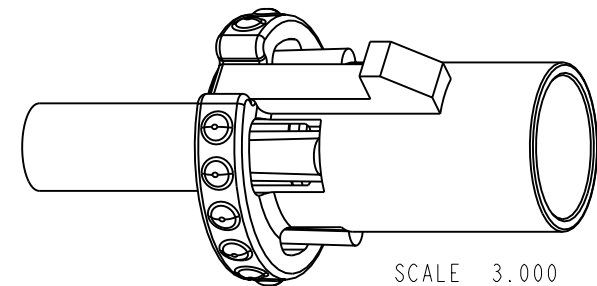


NOTES:

- MATERIALS OF CONSTRUCTION:
 BODY = ZINC DIE CAST (ZAMAK #3 PER ASTM-B86), NICKEL PLATED(.000150/.000200) THICK PER QQ-N-290, CLASS 1 OVER COPPER PLATE (.0001/.0002) THICK PER MIL-C-14550, CLASS 4. (FOR ZINC DIE CAST PARTS).
 MALE CONTACT = BRASS (ASTM-B-16 H02, C36000), GOLD PLATED (.000030/.000050) THICK PER MIL-G-45204, TYPE 11 GRADE C, OVER NICKEL (.000080/.000130) THICK PER QQ-N-290, CLASS 1. MUST MEET SOLDERABILITY REQUIREMENTS OF MIL-STD-202 METHOD 208.
 INSULATOR = TPX RT18, POLYMETHYLPENTENE COPOLYMER, COLOR: NATURAL.
 FAKRA HOUSING = NYLON 66, 14% GLASS FILLED, PER KDF, AKROMID A GRADE A3GF14
 COLOR PER AMPHENOL SPEC. 349-50688 (REFER TO TABLE BELOW FOR KEY CODE)
 FERRULE = SEAMLESS COPPER TUBING, ALLOY 122 (DHP), ASTM-B75 HARD. DRAWN TO ROCKWELL 58-77 ON 30T SCALE, NICKEL PLATED (.000100/.000250 THICK. AN UNDERLAY OF .000020 COPPER IS OPTIONAL TO ASSIST ADHESION REQUIREMENTS.
- ELECTRICAL:
 A. IMPEDANCE: 50 OHM
 B. FREQUENCY RANGE: DC - 3 GHz
 C. VSWR(RETURN LOSS): 1.18 (21.66 dB), MAX.
- MECHANICAL:
 A. DURABILITY: 50 CYCLES MIN.
 B. TEMPERATURE RANGE: -65° C TO 165° C
- CONTACT (ITEM 3) AND FERRULE (ITEM 5) ARE PACKAGED SEPARATELY
- BODY (ITEM 4) AND INSULATOR (ITEM 2) MUST BE ASSEMBLED PRIOR TO INSERTING BODY (ITEM 4) INTO FAKRA HOUSING (ITEM 1)
- TO DETERMINE FAKRA HOUSING (ITEM 1) USED, SEE KEY CODE TABLE BELOW
- BODY (ITEM 4) IS A SNAP FIT INTO FAKRA HOUSING (ITEM 1)
- INSULATOR (ITEM 2) AND BODY (ITEM4) MUST MAINTAIN DIMENSIONS SHOWN AFTER BODY (ITEM 4) IS FORMED OVER
- INSULATOR, FRONT (ITEM 2) MUST WITHSTAND AXIAL FORCE OF 8.0 LBS, AND MAINTAIN DIMENSIONS SHOWN.
- BODY (ITEM 4) MUST WITHSTAND 110 N MIN PULL OUT FORCE FROM FAKRA HOUSING (ITEM 1). AND MAINTIAN DIMENSIONS SHOWN
- PACKAGING:
 A. QUANTITY: SINGLE PACK
 B. MARKING: BAG TO BE MARKED "AMPHENOL, 2FAI-NXSP-C01-1, AND DATE CODE"
- RECOMMENDED CABLE ASSEMBLY INSTRUCTIONS FOUND ON AMPHENOL SPEC. 349-50695

2FAI-NXSP-C01-1		REVISIONS			
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ.	A	RELEASE TO MFG.	10/21/02	44201	
	B	MODIFIED BODY AND CONTACT PLATING NOTE	10/31/02	44266	
	C	MODIFIED NOTE 9	3/27/03	44335	

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



KEY CODE	ASSEMBLY PART #	FAKRA HOUSING PART #
A	2FAI-NASP-C01-1	923-10020-A
B	2FAI-NBSP-C01-1	923-10020-B
C	2FAI-NCSP-C01-1	923-10020-C
D	2FAI-NDSP-C01-1	923-10020-D
E	2FAI-NESP-C01-1	923-10020-E
F	2FAI-NFSP-C01-1	923-10020-F
G	2FAI-NGSP-C01-1	923-10020-G
H	2FAI-NHSP-C01-1	923-10020-H
I	2FAI-NISP-C01-1	923-10020-I
K	2FAI-NKSP-C01-1	923-10020-K
L	2FAI-NLSP-C01-1	923-10020-L
M	2FAI-NMSP-C01-1	923-10020-M
W	2FAI-NWSP-C01-1	923-10020-W
Z	2FAI-NZSP-C01-1	923-10020-Z

903-10583-NA	I	5	FERRULE	NOTE 1
923-10021-ND	I	4	BODY	NOTE 1
923-10024-HK	I	3	CONTACT	NOTE 1
923-10023	I	2	INSULATOR, FRONT	
923-10020-X	I	1	FAKRA HOUSING	
PART NUMBER	QTY.	ITEM	DESCRIPTION	FINISH

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 2 PLACE DECIMAL ±.015 (0,381 mm) 3 PLACE DECIMAL ±.005 (0,127 mm) ANGLES ± 1°	MATERIAL	DRAWN MIKE HOYACK	DATE 11-Sep-02	TITLE FAKRA STRAIGHT PLUG C01 CABLE GROUP (RG-174)		Amphenol Amphenol Corporation Communication and Network Products Division Danbury, CT U.S.A. 06810	
	REFERENCE EAR 533 GEN# ASSYM2_FAKRA 615X-1775-300 KDC = KEY DESIGN CHARACTERISTICS	ENGINEER MIKE HOYACK	DATE 16-May-02				
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 or 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.	APPROVED O. BARTHELMES	DATE 10/21/02	CODE ID 74868	DWG SIZE B	DRAWING NO. 2FAI-NXSP-C01-1	REV C	SCALE: 4.0:1 SHEET 1 OF 1
	CAD FILE I:\FAKRA\2FAI-NXSP-C01-1						