

NOTES:

1. MATERIALS AND FINISHES(MICRO-INCHES)

BODY = ZINC DIECAST (ZAMAK #3 PER ASTM B86)

MALE CONTACT = NICKEL PL. (150 MIN.) THICK OVER COPPER PL. (100 MIN.) THICK

MALE CONTACT = PHOSPHOR BRONZE (PER ASTM-B103 0.2 MM THICK)

INSULATOR = GOLD PL. 30 MIN. THICK OVER NICKEL PL. 100 MIN. THICK OVER COPPER STRIKE

INSULATOR = PTFE PER ASTM D1710, COLOR: NATURAL.

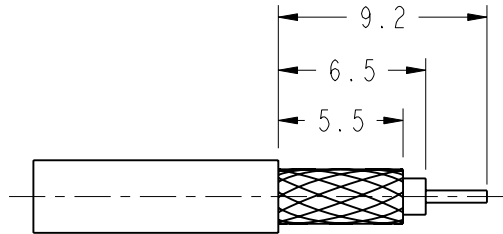
FAKRA HOUSING = NYLON 46, 30% GLASS FILLED, PER KDF, AKROMID A GRADE A3GF14, COLOR PER AMPHENOL SPEC. 349-50688 (REFER TO TABLE BELOW FOR KEY CODE)

FERRULE = COPPER (PER ASTM-B75,UNS C11000 OR C12200)

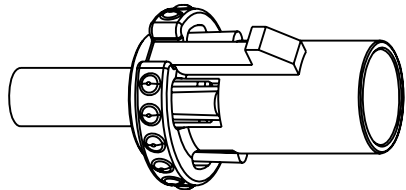
NICKEL PL. 100 MIN. THICK OVER COPPER STRIKE

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-C01S1, AND DATE CODE"
5. CRIMPED FERRULE HEX CRIMP SIZE .128"
- CRIMP CONTACT ONTO CABLE PER 349-50747

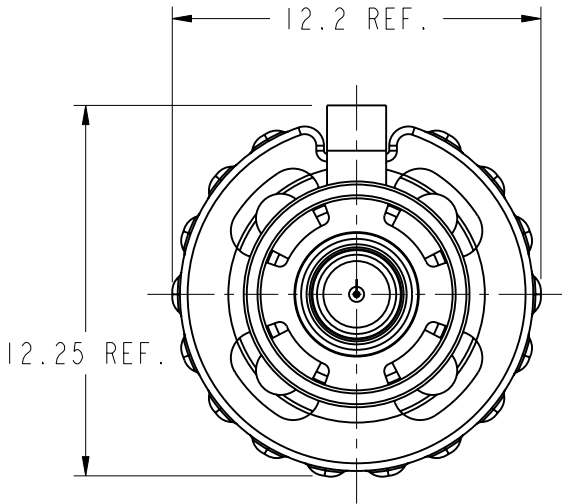
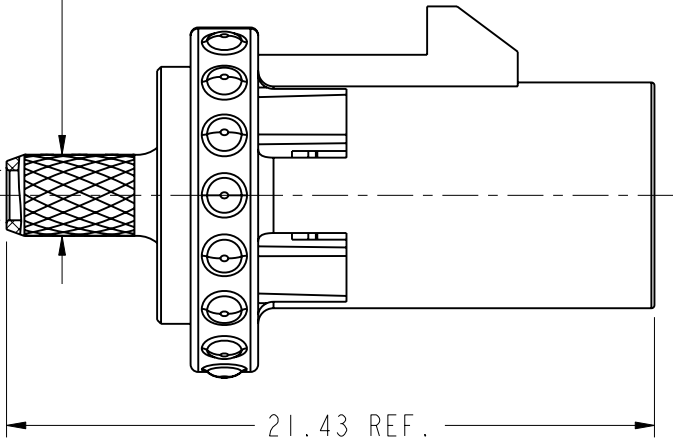
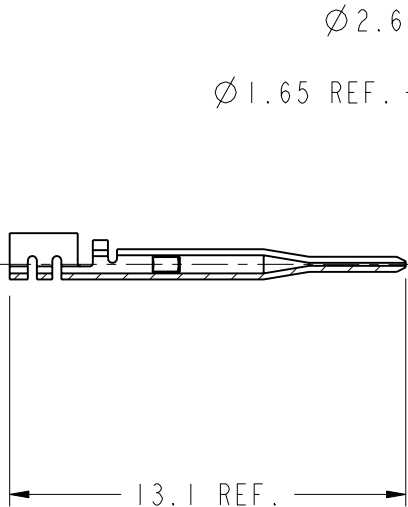
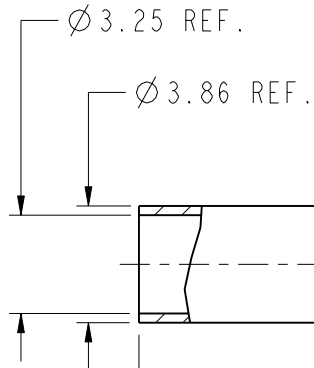
THIRD ANGLE PROJ.		REVISIONS			
REV	DESCRIPTION	DATE	ECO	APPR	
A	RELEASE TO MFG.	20-Mar-06	45982	BRUCE	
A1	CHANGED PLATING FOR BODY	28-Aug-06	-----	HELLEN	
B	UPDATED THE CABLE STRIPPING DIM'S; THE BODY WAS CHANGED; \RD-DM09033001A\	01-Apr-09	-----	SH	



RECOMMENDED
CABLE STRIPPING DIM'S



SCALE 2.000



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

CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

CODING	DRAWING NO.	COLOR	RAL NO.
A	2FAI-NASP-C01S1	JET BLACK	9005
B	2FAI-NBSP-C01S1	CREAM	9001
C	2FAI-NCSP-C01S1	SIGNAL BLUE	5005
D	2FAI-NDSP-C01S1	CLARET VIOLET	4004
E	2FAI-NESP-C01S1	LEAF GREEN	6002
F	2FAI-NFSP-C01S1	NUT BROWN	8011
G	2FAI-NGSP-C01S1	BLUE GREY	7031
H	2FAI-NHSP-C01S1	HEATHER VIOLET	4003
I	2FAI-NISP-C01S1	BEIGE	1001
K	2FAI-NKSP-C01S1	CURRY	1027
L	2FAI-NLSP-C01S1	CARMINE RED	3002
M	2FAI-NMSP-C01S1	PASTEL ORANGE	2003
N	2FAI-NNSP-C01S1	PASTEL GREEN	6019
Z	2FAI-NZSP-C01S1	WATER BLUE	5021

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES ±0.1mm ±0.2mm ± 0.3mm ±1°				MATERIAL - -		DRAWN H. JIANG		DATE 28-Aug-06		TITLE FAKRA (GEN II) PLUG, C01 CABLE GROUP WITH STAMPED CONTACT			Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com		
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 sperson 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.				REFERENCE EAR #1435 AND		ENGINEER H. JIANG		DATE 28-Aug-06							
				CONFIGURATION LEVEL:		APPROVED S. HSIEH		DATE 31-Aug-06		SCALE: 3.0:1.0		SHEET 2 OF 2			
				FINISH		CAD FILE		I:\FAKRA\2FAI-NXSP-C01S1		DWG SIZE B		CODE ID 74868		REV B	
													DRAWING NO. 2FAI-NXSP-C01S1		
													ITEM NO. 2FAI-NXSP-C01S1		
													PART NO. 2FAI-NXSP-C01S1		