

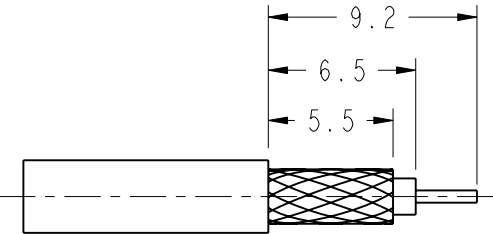
NOTES:

1. MATERIALS AND FINISHES(MICRO-INCHES)
BODY = ZINC DIECAST (ZAMAK #3 PER ASTM B86)
NICKEL PL. (150 MIN.) THICK OVER COPPER PL. (100 MIN.) THICK
MALE CONTACT = PHOSPHOR BRONZE (PER ASTM-B103 0.2 MM THICK)
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

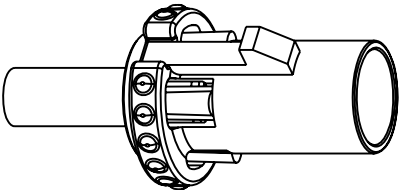
THIRD ANGLE PROJ.

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



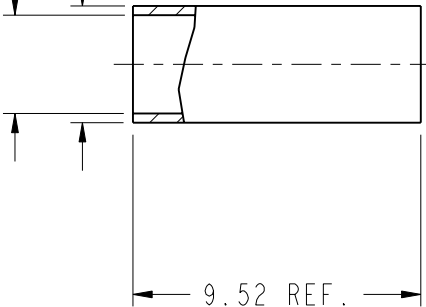
RECOMMENDED
CABLE STRIPPING DIM'S



SCALE 2.000

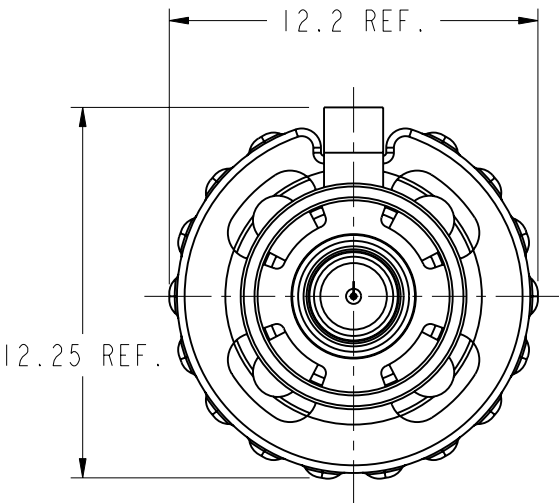
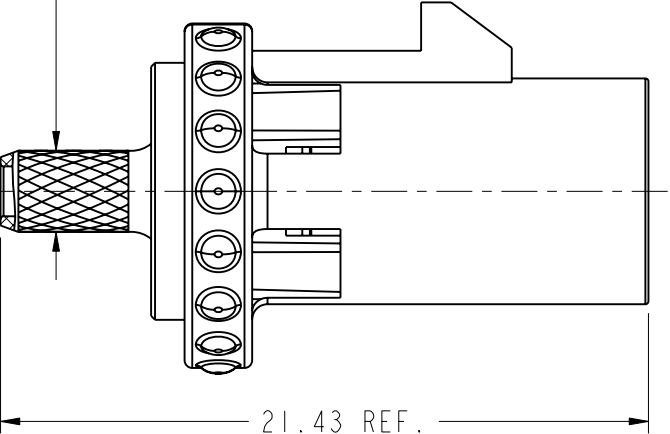
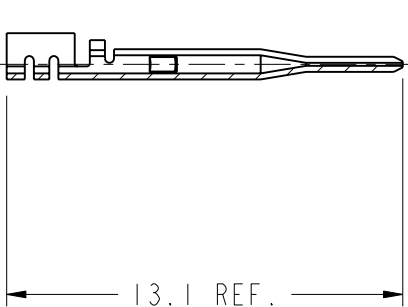
Ø3.25 REF.

Ø3.86 REF.



Ø2.69 REF.

Ø1.65 REF.



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 ±0.1mm 6 - 30mm ±0.2mm 30 - 120mm ± 0.3mm ANGLES ±1°

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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	
	ENGINEER H. JIANG	DATE 28-Aug-06					
REFERENCE EAR #1435 AND	APPROVED S.HSIEH	DATE 31-Aug-06	SCALE: 3.0:1.0	SHEET 2 OF 2		DRAWING NO. 2FAI-NXSP-C01S1	
CONFIGURATION LEVEL:	CAD FILE		DWG SIZE B	CODE ID 74868	REV B	ITEM NO. 2FAI-NXSP-C01S1	
FINISH	I:\FAKRA\2FAI-NXSP-C01S1					PART NO. 2FAI-NXSP-C01S1	