

NOTES:

1. MATERIALS AND FINISH (IN MICRO-INCHES)

- BODY
- = ZINC DIECAST (PER ASTM B86, UNS Z33520) ,
MATTE TIN PL. 100 MIN. THICK OVER NICKEL PL. 100 MIN.
THICK OVER COPPER PL.(250 MIN./300 MAX.) THICK
- INSULATOR
- = PTFE PER ASTM D1710, COLOR: NATURAL
- HOUSING
- = PPE+PS, COLOR: PER TABLE
- FERRULE
- = COPPER (PER ASTM B75, UNS C11000 OR C12200)
NICKEL PL. 100 MIN. THICK OVER COPPER STRIKE

CONTACT SUPPLIED SEPARATELY AS P/N: FKCP03301A (5,000 PCS. REEL)
FERRULE MAY BE PURCHASED SEPARATELY AS P/N: 923-10168 (100 PCS. TRAY)
CABLE DEFINITIONS PER AMPHENOL REPORT DE825

2. ELECTRICAL:

- A. IMPEDANCE: 50 OHM, NOMINAL
- B. FREQUENCY RANGE: DC-3.0 GHz
- C. VSWR(RETURN LOSS): 1.400 (-15.6dB) MAX.(DC-2.0 GHz)
(MATED PAIR) 1.500 (-13.9dB) MAX.(2.0-3.0 GHz)
- D. DIELECTRIC WITHSTANDING VOLTAGE: 800 VRMS, MIN.

3. MECHANICAL:

- A. DURABILITY: 100 CYCLES MIN.
- B. TEMPERATURE RANGE: -40° C TO 85° C
- C. USCAR-17 COMPLIANT
- D. INTERFACE PER DIN 72594-1

4. PACKAGING:

- A. QUANTITY: TRAY PACK
- B. MARKING: TRAY TO BE MARKED
"AMPHENOL,3FAI-NXSJ-COIW0, AND DATE CODE"

5. CABLE ASSEMBLY INSTRUCTIONS PER 349-50801

CODING	DRAWING NO.	COLOR	RAL NO.
A	3FAI-NASJ-COIW0	JET BLACK	9005
B	3FAI-NBSJ-COIW0	CREAM	9001
C	3FAI-NCSJ-COIW0	SIGNAL BLUE	5005
D	3FAI-NDSJ-COIW0	CLARET VIOLET	4004
E	3FAI-NESJ-COIW0	LEAF GREEN	6002
F	3FAI-NFSJ-COIW0	NUT BROWN	8011
G	3FAI-NGSJ-COIW0	BLUE GREY	7031
H	3FAI-NHSJ-COIW0	HEATHER VIOLET	4003
I	3FAI-NISJ-COIW0	BEIGE	1001
K	3FAI-NKSJ-COIW0	CURRY	1027
L	3FAI-NLSJ-COIW0	CARMINE RED	3002
M	3FAI-NMSJ-COIW0	PASTEL ORANGE	2003
N	3FAI-NNSJ-COIW0	PASTEL GREEN	6019
Z	3FAI-NZSJ-COIW0	WATER BLUE	5021

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:
<0.5mm 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES
± 0.05mm ±0.1mm ±0.2mm ± 0.3mm ±1°

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.

MATERIAL

-

REFERENCE
EAR # 2865 AND
CONFIGURATION LEVEL: RELEASE

FINISH

DRAWN

A.LIU

ENGINEER

J.YANG

APPROVED

B.C. GLEISSNER

CAD FILE

I:\FAKRA\3FAI-NXSJ-COIW0

DATE

23-Sep-08

DATE

23-Sep-08

DATE

23-Sep-08

TITLE

GEN 3.0 FAKRA JACK,
COI CABLE GROUP,
TAPE AND REEL CONTACT
(SUPPLIED SEPARATELY)

SCALE: 3.0:1.0

SHHEET

2 OF 2

DWG SIZE

B

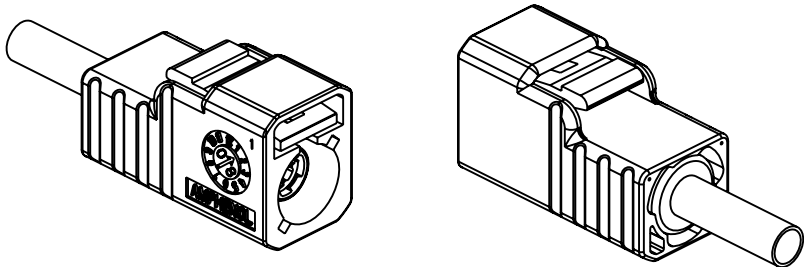
REV

A

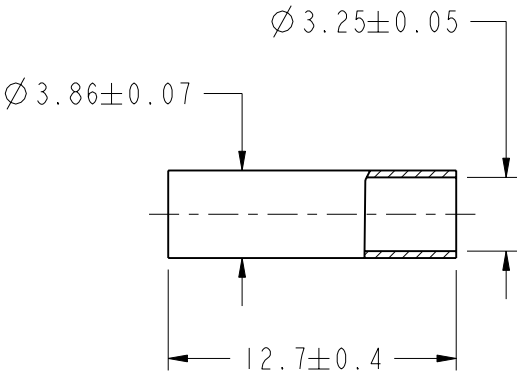
REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	29-Dec-09	-----	SH

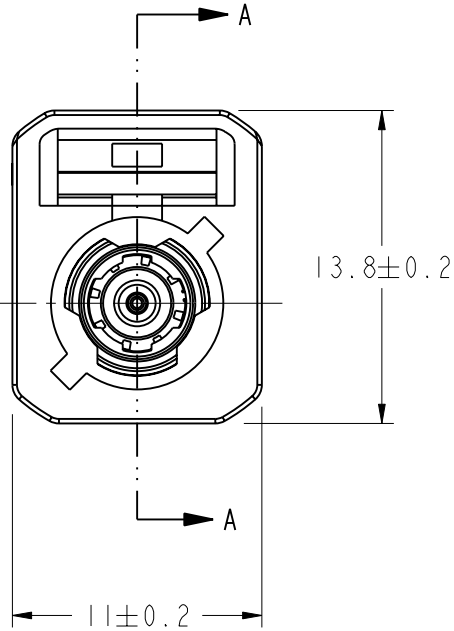
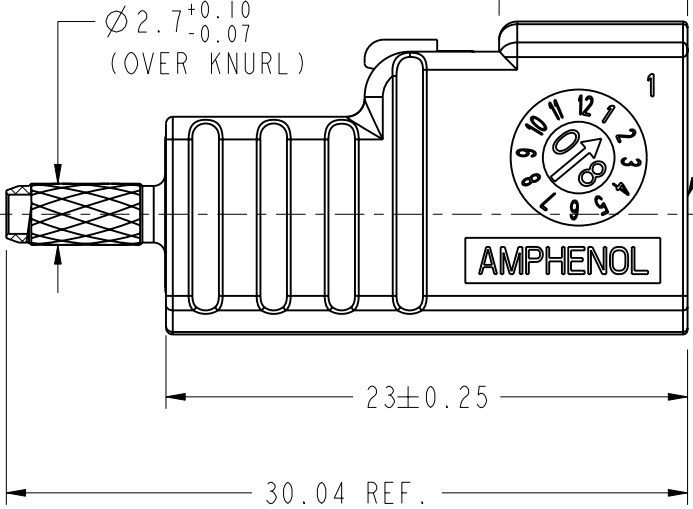
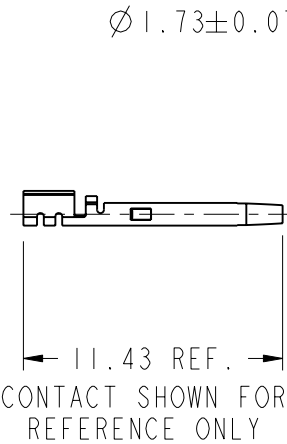
CONFIGURATION CONTROL:
NO CHANGES PERMITTED TO DRAWING WITHOUT
PPAP QUALIFIED CUSTOMER APPROVAL



SCALE 1.500



SECTION A-A



SEE TABLE FOR
PART NUMBER, COLOR,
AND KEY CODING

- "C" KEYING SHOWN -

CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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	REFERENCE EAR # 2865 AND CONFIGURATION LEVEL: RELEASE		ENGINEER J.YANG	DATE 23-Sep-08		DRAWING NO.3FAI-NXSJ-COIW0	
	FINISH		APPROVED B.C. GLEISSNER	DATE 23-Sep-08		ITEM NO. 3FAI-NXSJ-COIW0	
			CAD FILE I:\FAKRA\3FAI-NXSJ-COIW0			PART NO. 3FAI-NXSJ-COIW0	