

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"

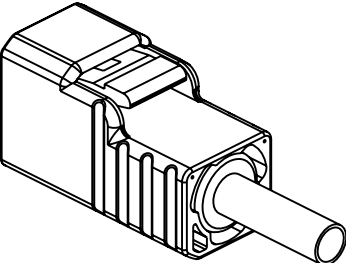
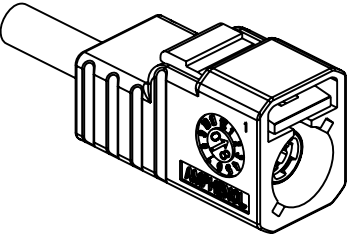
5. CABLE ASSEMBLY INSTRUCTIONS PER 349-50801

THIRD ANGLE PROJ.

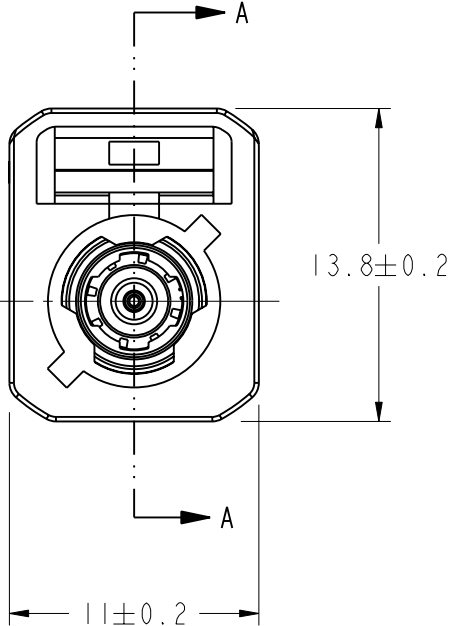
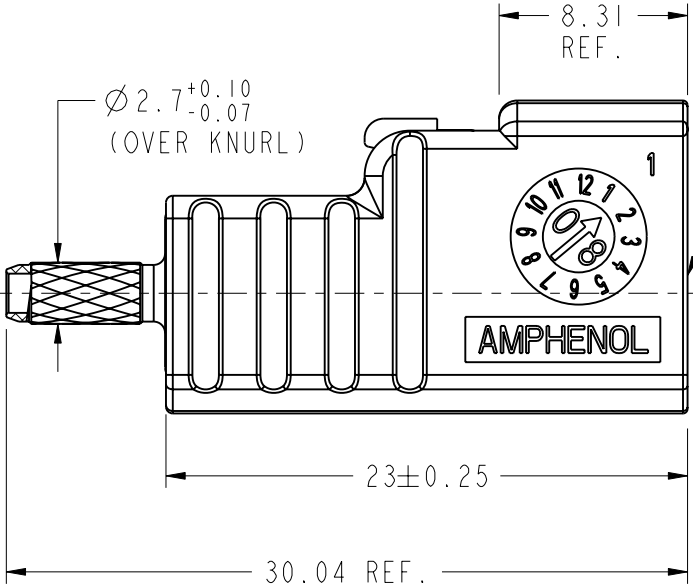
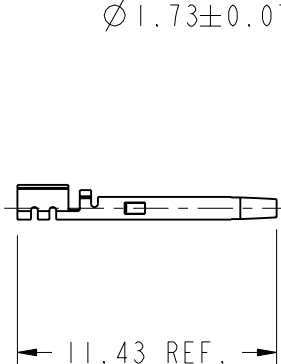
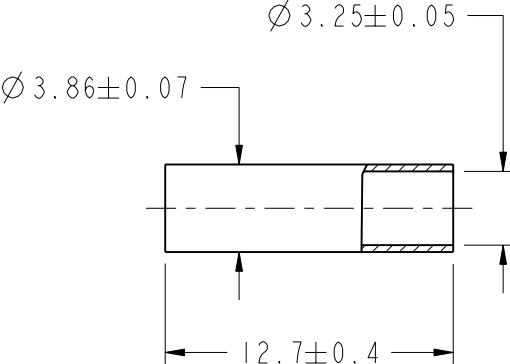
REVISIONS

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 NOTE 3D

SEE TABLE FOR
PART NUMBER, COLOR,
AND KEY CODING

- "C" KEYING SHOWN -

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°

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MATERIAL	DRAWN	DATE	TITLE		
-	A.LIU	23-Sep-08	GEN 3.0 FAKRA JACK, COI CABLE GROUP, TAPE AND REEL CONTACT (SUPPLIED SEPARATELY)		
REFERENCE EAR # 2865 AND	ENGINEER J.YANG	DATE 23-Sep-08			
CONFIGURATION LEVEL: RELEASE	APPROVED B.C. GLEISSNER	DATE 23-Sep-08	SCALE: 3.0:1.0	SHEET	2 OF 2
FINISH	CAD FILE I:\FAKRA\3FAI-NXSJ-COIW0		DWG SIZE B	REV A	

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

Amphenol RF

Danbury CT USA, Tainan, Taiwan, Shenzhen, China
www.amphenolrf.com

DRAWING NO.3FAI-NXSJ-COIW0

ITEM NO. 3FAI-NXSJ-COIW0

PART NO. 3FAI-NXSJ-COIW0

Mouser Electronics

Authorized Distributor

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