

NOTES:

1. MATERIALS AND FINISH (IN MICRO-INCHES)

- BODY = ZINC DIECAST (PER ASTM B86, UNS Z33520)  
MATTE TIN PL. 100 MIN.
- 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:

- 1. FKCP03301A (5,000 PCS. REEL), CRIMP AREA: NICKEL PLATED
  - 2. 923-10733 (5,000 PCS. REEL), CRIMP AREA: TIN PLATED
- 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:

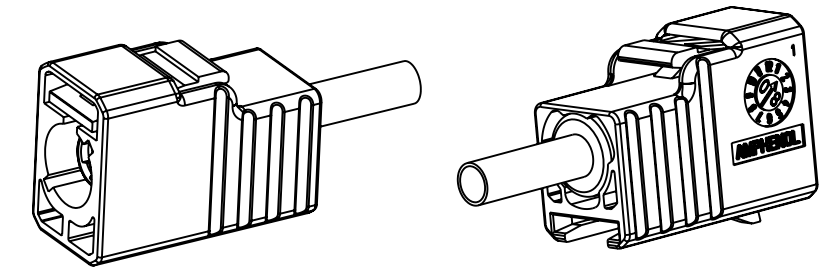
- A. QUANTITY: TRAY PACK
- B. MARKING: TRAY TO BE MARKED  
"AMPHENOL,3FAI-NXSJ-C01W6, AND DATE CODE"

5. CABLE ASSEMBLY INSTRUCTIONS PER 349-50801

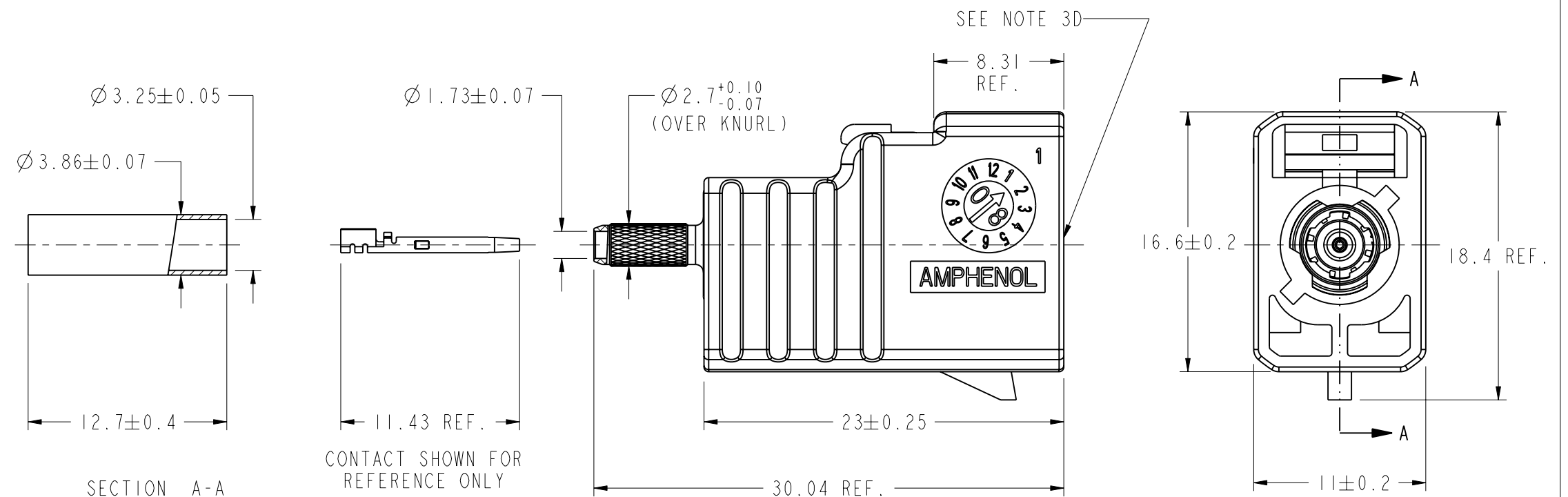
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	29-Dec-09	----	SH
B	ADDED TIN PLATED CONTACT SELECTION IN NOTE 1	15-Mar-18	06181	HL



SCALE 1.500



SEE TABLE FOR PART NUMBER, COLOR, AND KEY CODING

- "C" KEYING SHOWN -

CODING	DRAWING NO.	COLOR	RAL NO.
A	3FAI-NASJ-C01W6	JET BLACK	9005
B	3FAI-NBSJ-C01W6	CREAM	9001
C	3FAI-NCSJ-C01W6	SIGNAL BLUE	5005
D	3FAI-NDSJ-C01W6	CLARET VIOLET	4004
E	3FAI-NESJ-C01W6	LEAF GREEN	6002
F	3FAI-NFSJ-C01W6	NUT BROWN	8011
G	3FAI-NGSJ-C01W6	BLUE GREY	7031
H	3FAI-NHSJ-C01W6	HEATHER VIOLET	4003
I	3FAI-NISJ-C01W6	BEIGE	1001
K	3FAI-NKSJ-C01W6	CURRY	1027
L	3FAI-NLSJ-C01W6	CARMINE RED	3002
M	3FAI-NMSJ-C01W6	PASTEL ORANGE	2003
N	3FAI-NNSJ-C01W6	PASTEL GREEN	6019
Z	3FAI-NZSJ-C01W6	WATER BLUE	5021

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

**CUSTOMER OUTLINE DRAWING**

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

<p>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:                  &lt;0.5mm ±0.05mm    0.5 - 6mm ±0.1mm    6 - 30mm ±0.2mm    30 - 120mm ±0.3mm    ANGLES ±1°</p> <p>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 finishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person 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 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.</p>	MATERIAL	DRAWN A. LIU	DATE 23-Sep-08	TITLE GEN 3.0 FAKRA JACK, W/ CP, C01 CABLE GROUP, TAPE AND REEL CONTACT (SUPPLIED SEPARATELY)	<p><b>Amphenol RF</b> Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com</p>
	REFERENCE EAR:7653    AND	ENGINEER J. YANG	DATE 23-Sep-08	SCALE: 3.0:1.0   SHEET 2 OF 2	
	CONFIGURATION LEVEL: RELEASE	APPROVED S. HSIEH	DATE 22-Mar-18	DWG SIZE B	
	FINISH	I:\FAKRA\3FAI-NXSJ-C01W6	REV B		

DRAWING NO. 3FAI-NXSJ-C01W6

ITEM NO. 3FAI-NXSJ-C01W6

PART NO. 3FAI-NXSJ-C01W6