

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 B15, UNS C11000 OR C12200)
NICKEL PL. 100 MIN. THICK OVER COPPER STRIKE

CONTACT SUPPLIED SEPARATELY AS P/N: FKCP03301A (5,000 PCS. REEL)
C65 FERRULE MAY BE PURCHASED SEPARATELY AS P/N: FKFR01101
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. D.W.V.: 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-C65W0, AND DATE CODE"

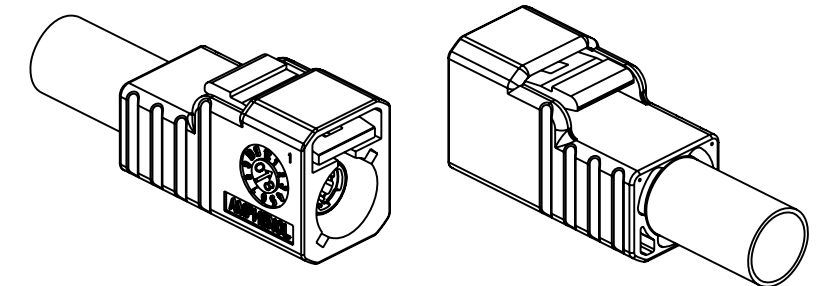
5. CABLE ASSEMBLY INSTRUCTIONS PER 349-50801

THIRD ANGLE PROJ.

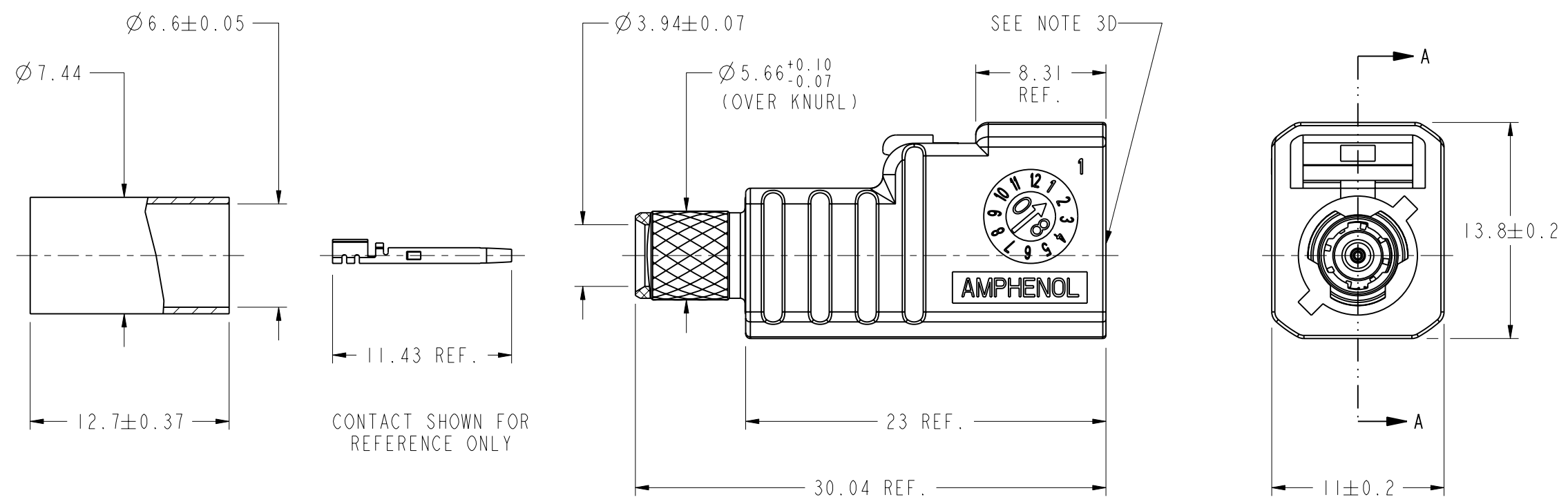
REVISIONS

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 TABLE FOR
PART NUMBER, COLOR,
AND KEY CODING
- "C" KEYING SHOWN -

CODING	DRAWING NO.	COLOR	RAL NO.
A	3FAI-NASJ-C65W0	JET BLACK	9005
B	3FAI-NBSJ-C65W0	CREAM	9001
C	3FAI-NCSJ-C65W0	SIGNAL BLUE	5005
D	3FAI-NDSJ-C65W0	CLARET VIOLET	4004
E	3FAI-NESJ-C65W0	LEAF GREEN	6002
F	3FAI-NFSJ-C65W0	NUT BROWN	8011
G	3FAI-NGSJ-C65W0	BLUE GREY	7031
H	3FAI-NHSJ-C65W0	HEATHER VIOLET	4003
I	3FAI-NISJ-C65W0	BEIGE	1001
K	3FAI-NKSJ-C65W0	CURRY	1027
L	3FAI-NLSJ-C65W0	CARMINE RED	3002
M	3FAI-NMSJ-C65W0	PASTEL ORANGE	2003
N	3FAI-NNSJ-C65W0	PASTEL GREEN	6019
Z	3FAI-NZSJ-C65W0	WATER BLUE	5021

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: <0.5mm ±0.05mm 0.5 - 6mm ±0.1mm 6 - 30mm ±0.2mm 30 - 120mm ±0.3mm ANGLES ±1°	MATERIAL	DRAWN A.LIU	DATE 23-Sep-08	TITLE GEN 3.0 FAKRA JACK, C65 CABLE GROUP, TAPE AND REEL CONTACT (SUPPLIED SEPARATELY)	<p style="text-align: center;">Amphenol RF</p> Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com
	REFERENCE EAR # 2865 AND CONFIGURATION LEVEL: RELEASE	ENGINEER J.YANG	DATE 23-Sep-08	SCALE: 3.0:1.0 SHEET 2 OF 2	
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		I:\FAKRA\3FAI-NXSJ-C65W0			
					DRAWING NO. 3FAI-NXSJ-C65W0
					ITEM NO. 3FAI-NXSJ-C65W0
					PART NO. 3FAI-NXSJ-C65W0