

1. MATERIALS AND FINISH (IN MICRO-INCHES)

- BODY
- = ZINC DIECAST (PER ASTM B86)
- 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)
- NICKEL PL. 100 MIN. THICK OVER COPPER STRIKE
- O-RING
- = HYDROGENATED NITRILE, COLOR: GREEN
- SHRINK TUBING
- = POLYOLEFIN, ADHESIVE LINED, COLOR: BLACK

CONTACT SUPPLIED SEPARATELY AS P/N: FKCP03301A (5,000 PCS. REEL)
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
- E. ENVIRONMENTAL SEAL (WHEN MATED):
- GMW3191

4. PACKAGING:

- A. QUANTITY:
- TRAY PACK
- B. MARKING:
- TRAY TO BE MARKED
- "AMPHENOL,3FAI-NXSJ-C01E6, AND DATE CODE"

5. CABLE ASSEMBLY INSTRUCTIONS PER 349-50832

CODING	DRAWING NO.	COLOR	RAL NO.
A	3FAI-NASJ-C01E6	JET BLACK	9005
B	3FAI-NBSJ-C01E6	CREAM	9001
C	3FAI-NCSJ-C01E6	SIGNAL BLUE	5005
D	3FAI-NDSJ-C01E6	CLARET VIOLET	4004
E	3FAI-NESJ-C01E6	LEAF GREEN	6002
F	3FAI-NFSJ-C01E6	NUT BROWN	8011
G	3FAI-NGSJ-C01E6	BLUE GREY	7031
H	3FAI-NHSJ-C01E6	HEATHER VIOLET	4003
I	3FAI-NISJ-C01E6	BEIGE	1001
K	3FAI-NKSJ-C01E6	CURRY	1027
L	3FAI-NLSJ-C01E6	CARMINE RED	3002
M	3FAI-NMSJ-C01E6	PASTEL ORANGE	2003
N	3FAI-NNSJ-C01E6	PASTEL GREEN	6019
Z	3FAI-NZSJ-C01E6	WATER BLUE	5021

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°

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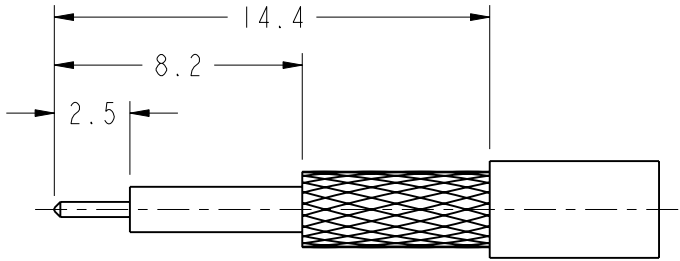
MATERIAL	-
REFERENCE	EAR # 4637 AND
CONFIGURATION LEVEL:	RELEASE
FINISH	

DRAWN	K.LIAO	DATE	06-Aug-12
ENGINEER	B.C. GLEISSNER	DATE	07-Oct-11
APPROVED	S.HSIEH	DATE	06-Aug-12
CAD FILE	I:\FAKRA\3FAI-NXSJ-C01E6		

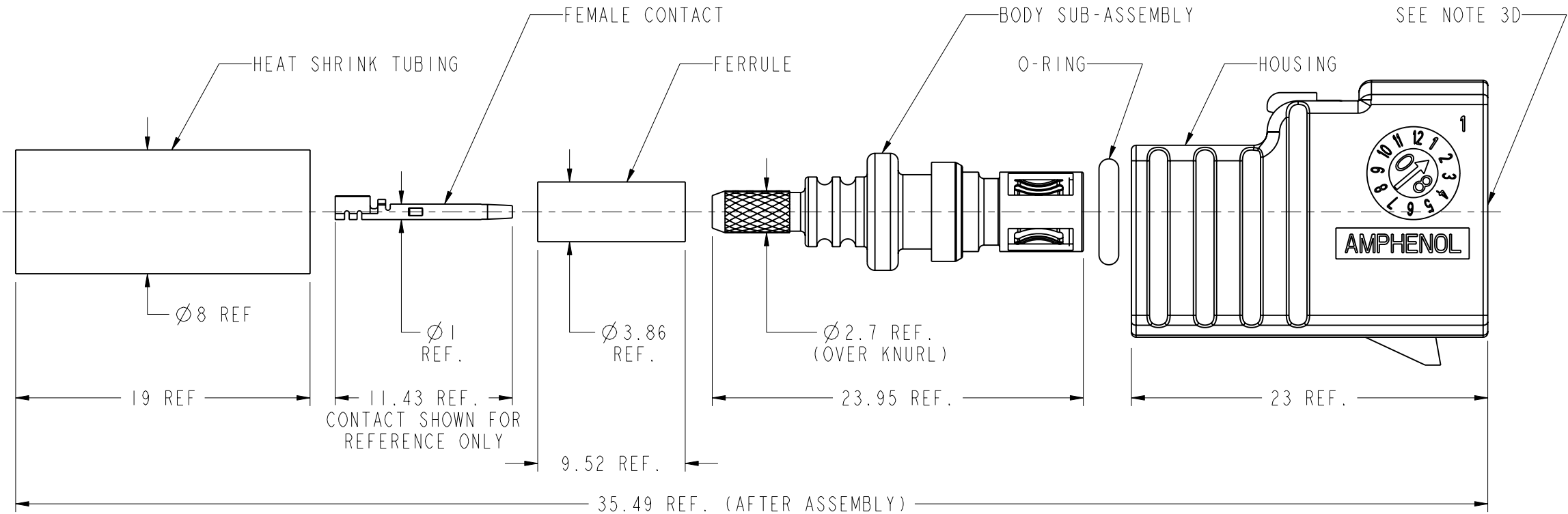
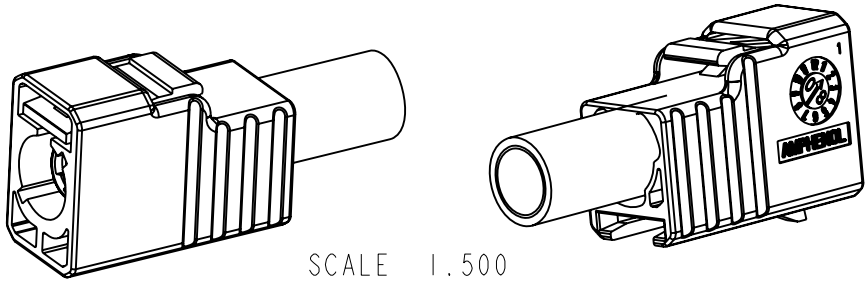
TITLE		GEN 3.0 FAKRA JACK, W/ CP, C01 CABLE GROUP, GMW3191 TAPE AND REEL CONTACT (SUPPLIED SEPARATELY)	
SCALE:	3.0:1.0	SHEET	2 OF 2
DWG SIZE		REV	D
B			

Amphenol RF	
Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com	
DRAWING NO.3FAI-NXSJ-C01E6	
ITEM NO. 3FAI-NXSJ-C01E6	
PART NO. 3FAI-NXSJ-C01E6	

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



RECOMMENDED
CABLE STRIPPING DIMENSIONS
SCALE 4.000



CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY