

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

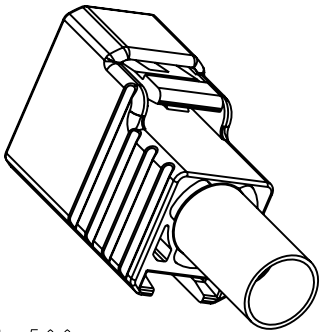
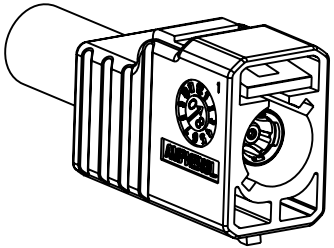
B. MARKING: TRAY TO BE MARKED  
"AMPHENOL, 3FAI-NXSJ-C65W6, AND DATE CODE"

5. CABLE ASSEMBLY INSTRUCTIONS PER 349-50801

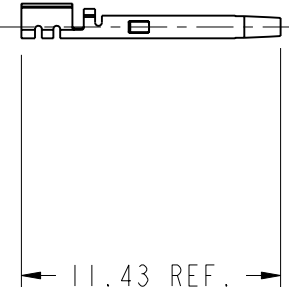
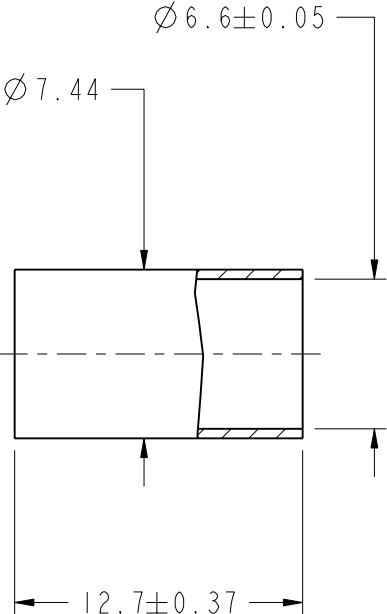
THIRD ANGLE PROJ.

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

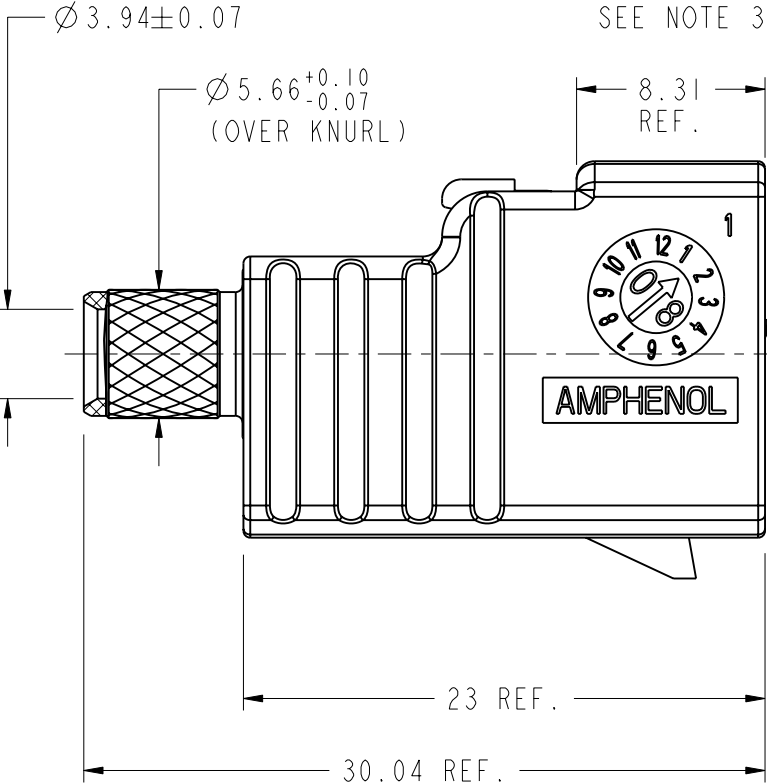
CONFIGURATION CONTROL:  
NO CHANGES PERMITTED TO DRAWING WITHOUT  
PPAP QUALIFIED CUSTOMER APPROVAL



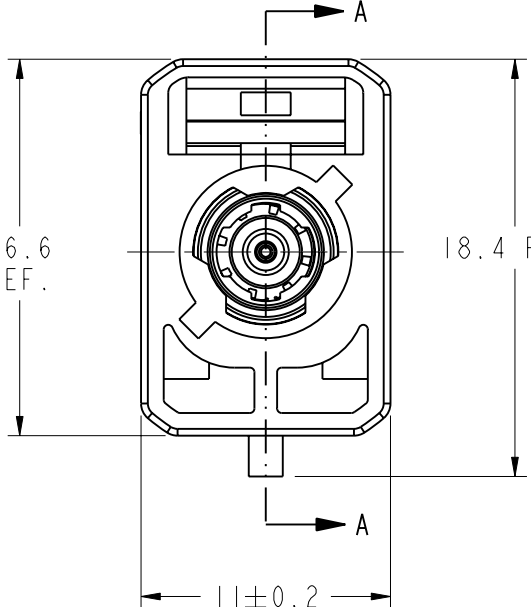
SCALE 1.500



CONTACT SHOWN FOR  
REFERENCE ONLY



SEE NOTE 3D



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

| CODING | DRAWING NO.     | COLOR          | RAL NO. |
|--------|-----------------|----------------|---------|
| A      | 3FAI-NASJ-C65W6 | JET BLACK      | 9005    |
| B      | 3FAI-NBSJ-C65W6 | CREAM          | 9001    |
| C      | 3FAI-NCSJ-C65W6 | SIGNAL BLUE    | 5005    |
| D      | 3FAI-NDSJ-C65W6 | CLARET VIOLET  | 4004    |
| E      | 3FAI-NESJ-C65W6 | LEAF GREEN     | 6002    |
| F      | 3FAI-NFSJ-C65W6 | NUT BROWN      | 8011    |
| G      | 3FAI-NGSJ-C65W6 | BLUE GREY      | 7031    |
| H      | 3FAI-NHSJ-C65W6 | HEATHER VIOLET | 4003    |
| I      | 3FAI-NISJ-C65W6 | BEIGE          | 1001    |
| K      | 3FAI-NKSJ-C65W6 | CURRY          | 1027    |
| L      | 3FAI-NLSJ-C65W6 | CARMINE RED    | 3002    |
| M      | 3FAI-NMSJ-C65W6 | PASTEL ORANGE  | 2003    |
| N      | 3FAI-NNSJ-C65W6 | PASTEL GREEN   | 6019    |
| Z      | 3FAI-NZSJ-C65W6 | WATER BLUE     | 5021    |

SECTION A-A

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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-C65W6

DATE 23-Sep-08

DATE 23-Sep-08

DATE 23-Sep-08

TITLE GEN 3.0 FAKRA JACK, W/ CP, C65 CABLE GROUP, TAPE AND REEL CONTACT (SUPPLIED SEPARATELY)

SCALE: 3.0:1.0 SHEET 2 OF 2

DWG SIZE B REV A

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

DRAWING NO. 3FAI-NXSJ-C65W6

ITEM NO. 3FAI-NXSJ-C65W6

PART NO. 3FAI-NXSJ-C65W6