

NOTES:

THIRD ANGLE PROJ. 

REVISIONS

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

I. 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: FKCP03302 (5,000 PCS. REEL)
C04 FERRULE MAY BE PURCHASED SEPARATELY AS P/N: FKFR00201A
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-C04W0, AND DATE CODE"

5. CABLE ASSEMBLY INSTRUCTIONS
PER 349-50801

CODING	DRAWING NO.	COLOR	RAL NO.
A	3FAI-NASJ-C04W0	JET BLACK	9005
B	3FAI-NBSJ-C04W0	CREAM	9001
C	3FAI-NCSJ-C04W0	SIGNAL BLUE	5005
D	3FAI-NDSJ-C04W0	CLARET VIOLET	4004
E	3FAI-NESJ-C04W0	LEAF GREEN	6002
F	3FAI-NFSJ-C04W0	NUT BROWN	8011
G	3FAI-NGSJ-C04W0	BLUE GREY	7031
H	3FAI-NHSJ-C04W0	HEATHER VIOLET	4003
I	3FAI-NISJ-C04W0	BEIGE	1001
K	3FAI-NKSJ-C04W0	CURRY	1027
L	3FAI-NLSJ-C04W0	CARMINE RED	3002
M	3FAI-NMSJ-C04W0	PASTEL ORANGE	2003
N	3FAI-NNSJ-C04W0	PASTEL GREEN	6019
Z	3FAI-NZSJ-C04W0	WATER BLUE	5021

Technical drawing of a mechanical part. The drawing shows a side view of a component with a central hole. The hole is labeled with the diameter $\varnothing 3.16 \pm 0$. A dimension line at the bottom indicates a length of 11.43 REF. The part has a complex profile with several steps and a small rectangular feature on the left side.

CONTACT SHOWN FOR
REFERENCE ONLY

SECTION A-A

$\varnothing 4.37^{+0.10}_{-0.07}$
 (OVER KNURL)

1

2 3 4 5 6 7 8 9 10 11 12

AMPHENOL

23 ± 0.25

30.04 REF.

SCALE 1.500

SEE NOTE 3D-

A technical line drawing of a cable gland (Kabelverschraubung) in a perspective view. The drawing shows the internal components, including the gland body, the clamping screw mechanism, and the cable being inserted through the center. The drawing is labeled with 'Kabelverschraubung' and 'Kabelverschraubung'.

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

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°	MATERIAL REFERENCE EAR # 2865 AND CONFIGURATION LEVEL: RELEASE FINISH	DRAWN A.LIU	DATE 23-Sep-08	TITLE GEN 3.0 FAKRA JACK, C04 CABLE GROUP, TAPE AND REEL CONTACT (SUPPLIED SEPARATELY)		Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com	
ENGINEER J.YANG		DATE 23-Sep-08					
APPROVED B.C. GLEISSNER		DATE 23-Sep-08	SCALE: 3.0:1.0	SHEET 2 OF 2	DRAWING NO. 3FAI-NXSJ-C04W0		
CAD FILE I:\FAKRA\3FAI-NXSJ-C04W0		DWG SIZE B	REV A	ITEM NO. 3FAI-NXSJ-C04W0	PART NO. 3FAI-NXSJ-C04W0		