

NOTES:

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

= SILICONE RUBBER, COLOR: RED

SHRINK TUBING

= POLYOLEFIN, ADHESIVE LINED, COLOR: BLACK

CONTACT SUPPLIED SEPARATELY AS P/N: FKCP03302 (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):

1.200 (-20.8dB) MAX.(DC-200 MHz)

(MATED PAIR)

1.400 (-15.6dB) MAX.(200 MHz-2.0 GHz)

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

E. ENVIRONMENTAL SEAL (WHEN MATED): IP67

4. PACKAGING:

A. QUANTITY:

TRAY PACK

B. MARKING:

TRAY TO BE MARKED

"AMPHENOL RF, 3FAIENXSJ-C04E0, AND DATE CODE"

5. CABLE ASSEMBLY INSTRUCTIONS PER 349-50910

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	22-Sep-16	1924	EW

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

14.4

8.2

2.5

RECOMMENDED
CABLE STRIPPING DIMENSIONS

SCALE 2.000

35

HEAT SHRINK TUBING

FEMALE CONTACT

FERRULE

BODY SUB-ASSEMBLY

O-RING

HOUSING

Ø10.04 REF.

19 REF.

11.43 REF.

9.5 REF.

23.95 REF.

14.24 REF.

35.49 REF.(AFTER ASSEMBLY)

CONTACT SHOWN FOR
REFERENCE ONLY

Ø4.37 REF.
(OVER KNURL)

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 C.YU	DATE 25-Nov-15	TITLE GEN 3.5 FAKRA JACK, C04 CABLE GROUP, IP67 SEALED TAPE AND REEL CONTACT (SUPPLIED SEPARATELY)	Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com	
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	CONFIGURATION LEVEL:	APPROVED S.HSIEH	DATE 26-Sep-16	SHEET 2 OF 2		ITEM NO. 3FAIENXSJ-C04E0
	FINISH	CAD FILE	DWG SIZE B	REV A		PART NO. 3FAIENXSJ-C04E0