

NOTES:

1. MATERIALS AND FINISHES:

BODY

- ZINC ALLOY, MATTE TIN PLATED (.000100" MIN.)

SPRING CONTACT

- BERYLLIUM COPPER, MATTE TIN PLATED (.000100" MIN.)

CONTACT

- PHOSPHOR BRONZE, SELECTIVE GOLD PLATED (.000030" MIN.)

FERRULE

- BRASS, NICKEL PLATED (.000100" MIN.)

INSULATOR

- PTFE, COLOR: WHITE

CLIP

- PBT, COLOR: YELLOW

HOUSING

- PPE+PS, COLOR: SEE TABLE BELOW

C01 CONNECTOR SUB-ASSEMBLY P/N: 903-847P-51S

CONTACT SUPPLIED SEPARATELY AS P/N: FKCP03301A (5,000 PCS. REEL)

FERRULE MAY BE PURCHASED SEPARATELY AS P/N: 923-10080 (100 PCS. TRAY)

CABLE DEFINITIONS PER AMPHENOL REPORT DE825

2. ELECTRICAL:

A. IMPEDANCE

= 50 OHM, NOMINAL

B. FREQUENCY RANGE

= DC - 6 GHz, (OPTIMIZED FOR DC-4 GHz)

C. VSWR

= 1.4 (-15.6 dB), MAX. (DC-2 GHz)

(MATED PAIR)

1.5 (-13.9 dB), MAX. (2-3 GHz)

D. D.W.V.

= 800 VRMS, MIN.

3. MECHANICAL:

A. DURABILITY

= 100 CYCLES MIN.

B. TEMPERATURE RANGE

= -40° C TO +85° C

C. MECHANICAL PULL

= 110 N MIN.

4. CONNECTOR ASSEMBLY:

A. SEE 349-50767 FOR CONNECTOR ASSEMBLY INSTRUCTIONS

B. SEE 349-50748 OR 349-50750 FOR TOOLING

C. SEE 349-50747 FOR CONTACT CRIMPING CRITERIA

5. PACKAGING:

A. QUANTITY: TRAY PACK

B. PACKAGING TO BE MARKED: AMPHENOL RF

3FAH-NXSJ-C0IW6

DATE CODE

6. ALL DIMENSIONS MECHANICAL & ELECTRICAL DESIGN

COMPLY WITH DIN 72594-1 AND USCAR-18 SPEC.

THIRD ANGLE PROJ.

REVDESCRIPTIONDATEECOAPPR

ARELEASE TO MFG.03-Mar-1047995SH

HOUSING

BODY SUB-ASSEMBLY (FOR C01 CABLE GROUP)

FERRULE

CONTACTS ARE SHOWN LOOSE AND ARE SUPPLIED ON REELS

Ø 1 REF.

11.43 REF.

Ø 2.69 REF.

19.3 REF. TYP.

Ø 3.86 REF.

10.2 REF. TYP.

17.2±0.5

11.2±0.3

11.59±0.25

8±0.05

27±0.5

15.79 REF.

TPA FEATURE

RETENTION CLIP SHOWN IN THE "SHIPPING" POSITION

HD-FAKRA INTERFACE PER ISO/DIS 20860-1

CONFIGURATION CONTROL:

NO CHANGES PERMITTED TO DRAWING WITHOUT

PPAP QUALIFIED CUSTOMER APPROVAL

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:

<0.5mm0.5 - 6mm6 - 30mm30 - 120mmANGLES

± 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 implicatioin 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 # 3306 AND REF: 2FAHENXSJ-C0IW6

CONFIGURATION LEVEL:

RELEASE

FINISH

DRAWN

A.LIU

ENGINEER

J.YANG

APPROVED

B.C. GLEISSNER

CAD FILE

I:\FAKRA\3FAH-NXSJ-C0IW6

DATE

22-Sep-09

DATE

22-Sep-09

DATE

22-Sep-09

TITLE

2-WAY HD-FAKRA JACK,

CLOSED-ENTRY (GEN 3.0),

2-C01 PORTS

(CONTACT SOLD 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.

3FAH-NXSJ-C0IW6

ITEM NO.

3FAH-NXSJ-C0IW6

PART NO.

3FAH-NXSJ-C0IW6