

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:
1. FKCP03301A (5,000 PCS.REEL), CRIMP AREA: NICKEL PLATED
2. 923-10733 (5,000 PCS.REEL), CRIMP AREA: TIN PLATED
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-C01W6
DATE CODE

6. ALL DIMENSIONS MECHANICAL & ELECTRICAL DESIGN
COMPLY WITH DIN 72594-1 AND USCAR-18 SPEC.

THIRD ANGLE PROJ.

REV

DESCRIPTION

DATE

ECO

APPR

A

RELEASE TO MFG.

03-Mar-10

47995

SH

B

ADDED TIN PLATED CONTACT SELECTION IN NOTE 1

15-Mar-18

06181

HL

HOUSING

BODY SUB-ASSEMBLY
(FOR C01 CABLE GROUP)

FERRULE

CONTACTS ARE SHOWN LOOSE
AND ARE SUPPLIED ON REELS

Ø1 REF.

11.43 REF.

Ø2.69 REF.

19.3 REF. TYP.

Ø3.86 REF.

10.2 REF. TYP.

HD-FAKRA INTERFACE
PER ISO/DIS 20860-1

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

SCALE 1.000

SCALE 1.000

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

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

CODING	DRAWING NO.	COLOR	RAL NO.
A	3FAH-NASJ-C01W6	JET BLACK	9005
B	3FAH-NBSJ-C01W6	CREAM	9001
C	3FAH-NCSJ-C01W6	SIGNAL BLUE	5005
D	3FAH-NDSJ-C01W6	CLARET VIOLET	4004
E	3FAH-NESJ-C01W6	LEAF GREEN	6002
F	3FAH-NFSJ-C01W6	NUT BROWN	8011
G	3FAH-NGSJ-C01W6	BLUE GREY	7031
H	3FAH-NHSJ-C01W6	HEATHER VIOLET	4003
I	3FAH-NISJ-C01W6	BEIGE	1001
K	3FAH-NKSJ-C01W6	CURRY	1027
L	3FAH-NLSJ-C01W6	CARMINE RED	3002
M	3FAH-NMSJ-C01W6	PASTEL ORANGE	2003
N	3FAH-NNSJ-C01W6	PASTEL GREEN	6019
Z	3FAH-NZSJ-C01W6	WATER BLUE	5021

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°

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MATERIAL

-

REFERENCE
EAR:7653 AND REF: 2FAHENXSJ-C01W6

CONFIGURATION LEVEL: RELEASE

FINISH

DRAWN
A.LIU

ENGINEER
J.YANG

APPROVED
S.HSIEH

CAD FILE

DATE
22-Sep-09

DATE
22-Sep-09

DATE
21-Mar-18

I:\FAKRA\3FAH-NXSJ-C01W6

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
B

Amphenol RF

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

DRAWING NO. 3FAH-NXSJ-C01W6

ITEM NO. 3FAH-NXSJ-C01W6

PART NO. 3FAH-NXSJ-C01W6

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