

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 - SOFT COPPER & 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
C04 CONNECTOR SUB-ASSEMBLY P/N : 903-848P-51S
C01 CONTACTS MAY BE PURCHASED SEPARATELY AS P/N: FKCP03301A (5,000 PCS. REEL)
C04 CONTACTS MAY BE PURCHASED SEPARATELY AS P/N: FKCP03302 (5,000 PCS. REEL)
C01 FERRULE MAY BE PURCHASED SEPARATELY AS P/N: 923-10080 (100 PCS. TRAY)
C04 FERRULE MAY BE PURCHASED SEPARATELY AS P/N: 923-10081 (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. PACKAGING TO BE MARKED: AMPHENOL RF
3FAH-NXSJ-C00W6
DATE CODE

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

CODING	DRAWING NO.	COLOR	RAL NO.
A	3FAH-NASJ-C00W6	JET BLACK	9005
B	3FAH-NBSJ-C00W6	CREAM	9001
C	3FAH-NCSJ-C00W6	SIGNAL BLUE	5005
D	3FAH-NDSJ-C00W6	CLARET VIOLET	4004
E	3FAH-NESJ-C00W6	LEAF GREEN	6002
F	3FAH-NFSJ-C00W6	NUT BROWN	8011
G	3FAH-NGSJ-C00W6	BLUE GREY	7031
H	3FAH-NHSJ-C00W6	HEATHER VIOLET	4003
I	3FAH-NISJ-C00W6	BEIGE	1001
K	3FAH-NKSJ-C00W6	CURRY	1027
L	3FAH-NLSJ-C00W6	CARMINE RED	3002
M	3FAH-NMSJ-C00W6	PASTEL ORANGE	2003
N	3FAH-NNSJ-C00W6	PASTEL GREEN	6019
Z	3FAH-NZSJ-C00W6	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

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REFERENCE
EAR # 3306 AND REF: 2FAHENXSJ-C00W6

CONFIGURATION LEVEL: Prototype

FINISH

DRAWN

J. YANG

ENGINEER

J. YANG

APPROVED

B.C. GLEISSNER

CAD FILE

I:\FAKRA\3FAH-NXSJ-C00W6

DATE

03-Aug-09

DATE

21-Sep-09

DATE

21-Sep-09

TITLE

2-WAY HD-FAKRA JACK,
CLOSED-ENTRY (GEN 3.0)
1-C01 PORT, 1-C04 PORT
(CONTACT SOLD SEPARATELY)

SCALE: 3.0:1.0 SHEET 2 OF 2

DWG SIZE

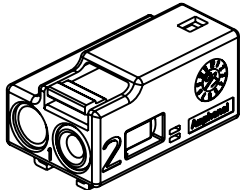
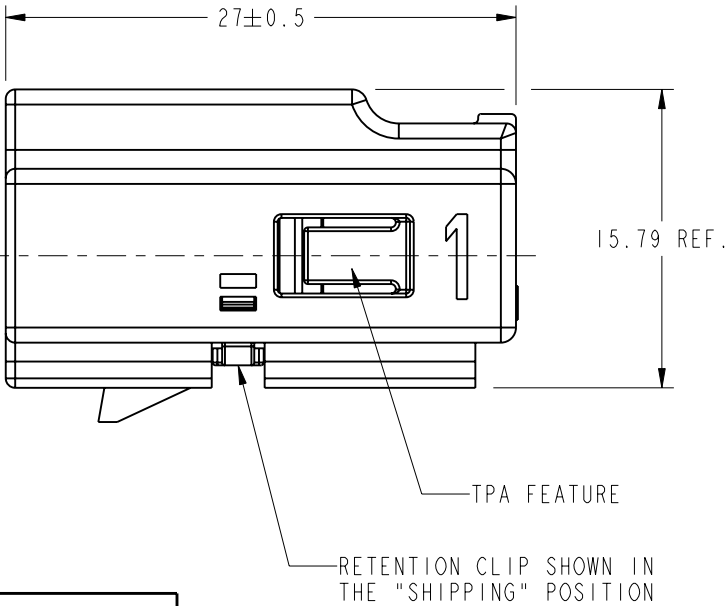
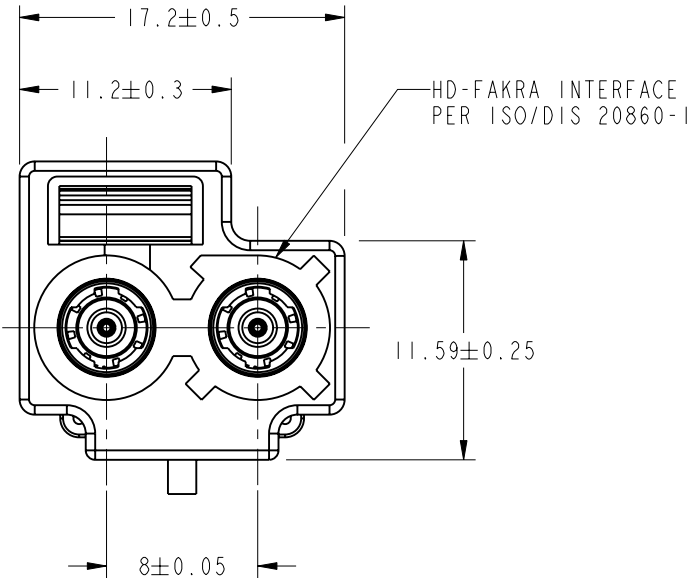
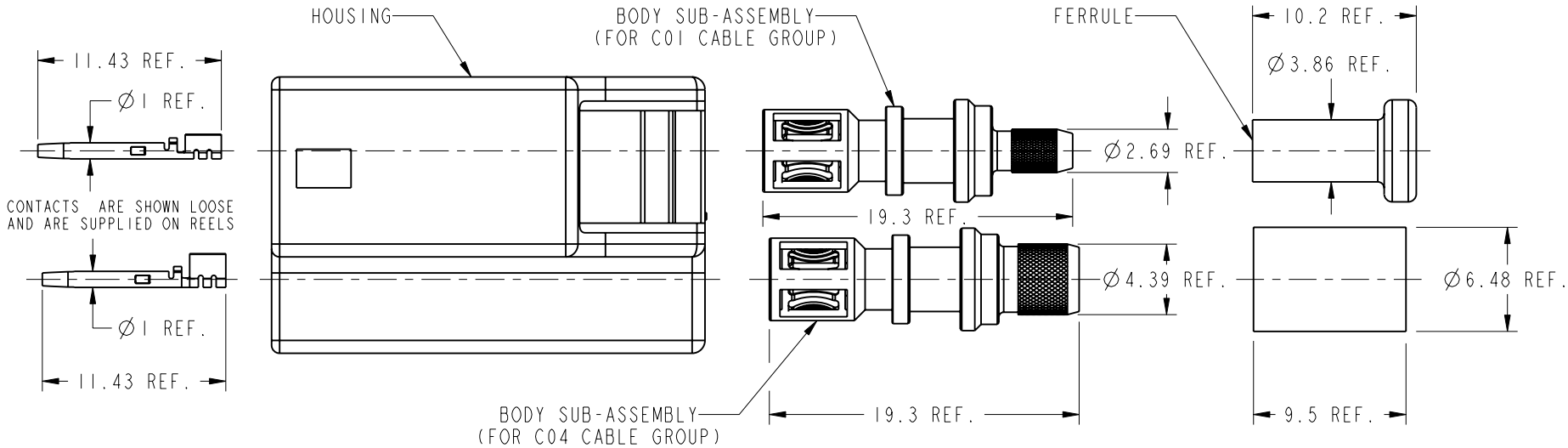
B

REV

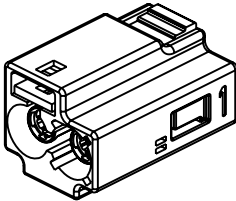
A

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	30-Dec-09	-----	SH



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

Amphenol RF

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DRAWING NO. 3FAH-NXSJ-C00W6

ITEM NO. 3FAH-NXSJ-C00W6

PART NO. 3FAH-NXSJ-C00W6