

NOTES:				THIRD ANGLE PROJ.		REVISIONS				
1. MATERIALS AND FINISHES:				REV		DESCRIPTION		DATE	ECO	APPR
BODY - ZINC ALLOY, MATTE TIN PLATED (.000100" MIN.)				A		RELEASE TO MFG.		03-Mar-10	47995	SH
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.										

CODING	DRAWING NO.	COLOR	RAL NO.
A	3FAH-NASJ-C0IW6	JET BLACK	9005
B	3FAH-NBSJ-C0IW6	CREAM	9001
C	3FAH-NCSJ-C0IW6	SIGNAL BLUE	5005
D	3FAH-NDSJ-C0IW6	CLARET VIOLET	4004
E	3FAH-NESJ-C0IW6	LEAF GREEN	6002
F	3FAH-NFSJ-C0IW6	NUT BROWN	8011
G	3FAH-NGSJ-C0IW6	BLUE GREY	7031
H	3FAH-NHSJ-C0IW6	HEATHER VIOLET	4003
I	3FAH-NISJ-C0IW6	BEIGE	1001
K	3FAH-NKSJ-C0IW6	CURRY	1027
L	3FAH-NLSJ-C0IW6	CARMINE RED	3002
M	3FAH-NMSJ-C0IW6	PASTEL ORANGE	2003
N	3FAH-NNSJ-C0IW6	PASTEL GREEN	6019
Z	3FAH-NZSJ-C0IW6	WATER BLUE	5021

CONTACTS ARE SHOWN LOOSE AND ARE SUPPLIED ON REELS

HOUSING

BODY SUB-ASSEMBLY (FOR C01 CABLE GROUP)

FERRULE

Ø 1 REF.

11.43 REF.

17.2±0.5

11.2±0.3

HD-FAKRA INTERFACE PER ISO/DIS 20860-1

27±0.5

15.79 REF.

11.59±0.25

8±0.05

TPA FEATURE

RETENTION CLIP SHOWN IN THE "SHIPPING" POSITION

Ø 3.86 REF.

Ø 2.69 REF.

19.3 REF. TYP.

10.2 REF. TYP.

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

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 -	DRAWN A.LIU	DATE 22-Sep-09	TITLE 2-WAY HD-FAKRA JACK, CLOSED-ENTRY (GEN 3.0), 2-C01 PORTS (CONTACT SOLD SEPARATELY)		Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com	
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.			ENGINEER J.YANG	DATE 22-Sep-09	SCALE: 3.0:1.0 SHEET 2 OF 2		DRAWING NO. 3FAH-NXSJ-C0IW6	
REFERENCE EAR # 3306 AND REF: 2FAHENSXSJ-C0IW6			APPROVED B.C. GLEISSNER	DATE 22-Sep-09	DWG SIZE B		ITEM NO. 3FAH-NXSJ-C0IW6	
CONFIGURATION LEVEL: RELEASE			CAD FILE I:\FAKRA\3FAH-NXSJ-C0IW6		REV A		PART NO. 3FAH-NXSJ-C0IW6	
FINISH								