

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	
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REFERENCE EAR # 3306 AND REF: 2FAHENSXSJ-C0IW6			APPROVED B.C. GLEISSNER	DATE 22-Sep-09			ITEM NO. 3FAH-NXSJ-C0IW6	
CONFIGURATION LEVEL: RELEASE			CAD FILE		DWG SIZE B		PART NO. 3FAH-NXSJ-C0IW6	
FINISH			I:\FAKRA\3FAH-NXSJ-C0IW6		REV A			