

NOTES:

I. MATERIALS AND FINISH (IN MICRO-INCHES)

BODY = ZINC DIECAST (PER ASTM B86, UNS Z33520) ,
 MATTE TIN PL. 100 MIN. THICK OVER NICKEL PL. 100 MIN.
 THICK OVER COPPER PL.(250 MIN./300 MAX.) THICK
 INSULATOR = PTFE PER ASTM D1710, COLOR: NATURAL
 HOUSING = PPE+PS, COLOR: PER TABLE
 FERRULE = COPPER (PER ASTM B15, UNS C11000 OR C12200)
 NICKEL PL. 100 MIN. THICK OVER COPPER STRIKE

CONTACT SUPPLIED SEPARATELY AS P/N: FKCP03302 (5,000 PCS. REEL)
C04 FERRULE MAY BE PURCHASED SEPARATELY AS P/N: FKFR00201A
CABLE DEFINITIONS PER AMPHENOL REPORT DE825

2. ELECTRICAL:

A. IMPEDANCE: 50 OHM, NOMINAL
B. FREQUENCY RANGE: DC-3.0 GHz
C. VSWR(RETURN LOSS): 1.400 (-15.6dB), MAX. (DC-2.0 GHz)
(MATED PAIR): 1.500 (-13.9dB), MAX. (2.0-3.0 GHz)
D. D.W.V: 800 VRMS, MIN.

3. MECHANICAL:

A. DURABILITY: 100 CYCLES MIN.
B. TEMPERATURE RANGE: -40° C TO 85° C
C. USCAR-17 COMPLIANT
D. INTERFACE PER DIN 72594-1

4. PACKAGING:

A. QUANTITY: TRAY PACK
B. MARKING: TRAY TO BE MARKED
"AMPHENOL 3FAI-NXSJ-C04W6, AND DATE CODE"

5. CABLE ASSEMBLY INSTRUCTIONS PER 349-50801

<u>CODING</u>	<u>DRAWING NO.</u>	<u>COLOR</u>	<u>RAL NO.</u>
A	3FAI-NASJ-C04W6	JET BLACK	9005
B	3FAI-NBSJ-C04W6	CREAM	9001
C	3FAI-NCSJ-C04W6	SIGNAL BLUE	5005
D	3FAI-NDSJ-C04W6	CLARET VIOLET	4004
E	3FAI-NESJ-C04W6	LEAF GREEN	6002
F	3FAI-NFSJ-C04W6	NUT BROWN	8011
G	3FAI-NGSJ-C04W6	BLUE GREY	7031
H	3FAI-NHSJ-C04W6	HEATHER VIOLET	4003
I	3FAI-NISJ-C04W6	BEIGE	1001
K	3FAI-NKSJ-C04W6	CURRY	1027
L	3FAI-NLSJ-C04W6	CARMINE RED	3002
M	3FAI-NMSJ-C04W6	PASTEL ORANGE	2003
N	3FAI-NNSJ-C04W6	PASTEL GREEN	6019
Z	3FAI-NZSJ-C04W6	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

DRAWN
A. LIU

DATE
23-Sep-08

TITLE
GEN 3.0 FAKRA JACK, W/ CP, C04 CABLE GROUP, TAPE AND REEL CONTACT (SUPPLIED SEPARATELY)

ENGINEER
J. YANG

DATE
23-Sep-08

APPROVED
B.C. GLEISSNER

DATE
23-Sep-08

CAD FILE

REFERENCE EAR # 2865	AND
CONFIGURATION LEVEL: RELEASE	

FINISH

I:\FAKRA\3FAI-NXSJ-C04W6

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

Amphenol RF

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

DRAWING NO. 3FAI-NXSJ-C04W6

ITEM NO.	3FAI-NXSJ-C04W6
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PART NO. 3FAI-NXSJ-C04W6