

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: FKCP03301A (5,000 PCS. REEL)
C65 FERRULE MAY BE PURCHASED SEPARATELY AS P/N: FKFR01101
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-C65W6, 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-C65W6	JET BLACK	9005
B	3FAI-NBSJ-C65W6	CREAM	9001
C	3FAI-NCSJ-C65W6	SIGNAL BLUE	5005
D	3FAI-NDSJ-C65W6	CLARET VIOLET	4004
E	3FAI-NESJ-C65W6	LEAF GREEN	6002
F	3FAI-NFSJ-C65W6	NUT BROWN	8011
G	3FAI-NGSJ-C65W6	BLUE GREY	7031
H	3FAI-NHSJ-C65W6	HEATHER VIOLET	4003
I	3FAI-NISJ-C65W6	BEIGE	1001
K	3FAI-NKSJ-C65W6	CURRY	1027
L	3FAI-NLSJ-C65W6	CARMINE RED	3002
M	3FAI-NMSJ-C65W6	PASTEL ORANGE	2003
N	3FAI-NNSJ-C65W6	PASTEL GREEN	6019
Z	3FAI-NZSJ-C65W6	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	QTY	UNIT	PRICE	TOTAL
1000	100	100	100	100
2000	200	200	200	200
3000	300	300	300	300
4000	400	400	400	400
5000	500	500	500	500
6000	600	600	600	600
7000	700	700	700	700
8000	800	800	800	800
9000	900	900	900	900
10000	1000	1000	1000	1000
11000	1100	1100	1100	1100
12000	1200	1200	1200	1200
13000	1300	1300	1300	1300
14000	1400	1400	1400	1400
15000	1500	1500	1500	1500
16000	1600	1600	1600	1600
17000	1700	1700	1700	1700
18000	1800	1800	1800	1800
19000	1900	1900	1900	1900
20000	2000	2000	2000	2000
21000	2100	2100	2100	2100
22000	2200	2200	2200	2200
23000	2300	2300	2300	2300
24000	2400	2400	2400	2400
25000	2500	2500	2500	2500
26000	2600	2600	2600	2600
27000	2700	2700	2700	2700
28000	2800	2800	2800	2800
29000	2900	2900	2900	2900
30000	3000	3000	3000	3000
31000	3100	3100	3100	3100
32000	3200	3200	3200	3200
33000	3300	3300	3300	3300
34000	3400	3400	3400	3400
35000	3500	3500	3500	3500
36000	3600	3600	3600	3600
37000	3700	3700	3700	3700
38000	3800	3800	3800	3800
39000	3900	3900	3900	3900
40000	4000	4000	4000	4000
41000	4100	4100	4100	4100
42000	4200	4200	4200	4200
43000	4300	4300	4300	4300
44000	4400	4400	4400	4400
45000	4500	4500	4500	4500
46000	4600	4600	4600	4600
47000	4700	4700	4700	4700
48000	4800	4800	4800	4800
49000	4900	4900	4900	4900
50000	5000	5000	5000	5000
51000	5100	5100	5100	5100
52000	5200	5200	5200	5200
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59000	5900	5900	5900	5900
60000	6000	6000	6000	6000
61000	6100	6100	6100	6100
62000	6200	6200	6200	6200
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64000	6400	6400	6400	6400
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66000	6600	6600	6600	6600
67000	6700	6700	6700	6700
68000	6800	6800	6800	6800
69000	6900	6900	6900	6900
70000	7000	7000	7000	7000
71000	7100			

DRAWN
A. LIU

DATE
23-Sep-08

TITLE
GEN 3.0 FAKRA JACK, W/ CP, C65 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

I:\FAKRA\3FAI-NXSJ-C65W6

0 FAKRA

CP	
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TABLE GRO AND REEL

1

3.0:1.0

OF 2

DWG SIZE

REV

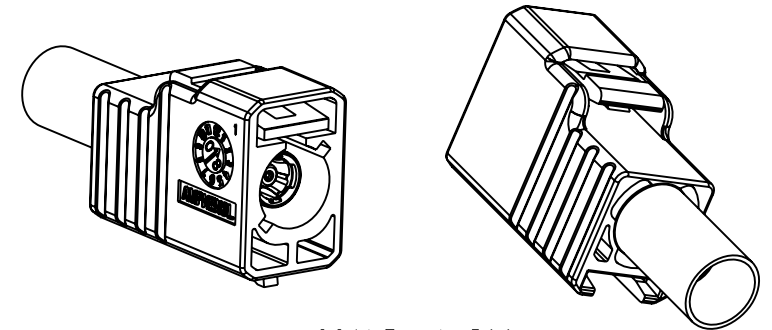
Amphenol RF
Danbury CT USA, Tainan, Taiwan, Shenzhen, China
www.amphenolrf.com

DRAWING NO. 3FAI-NXSJ-C65W6

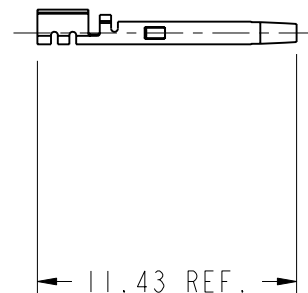
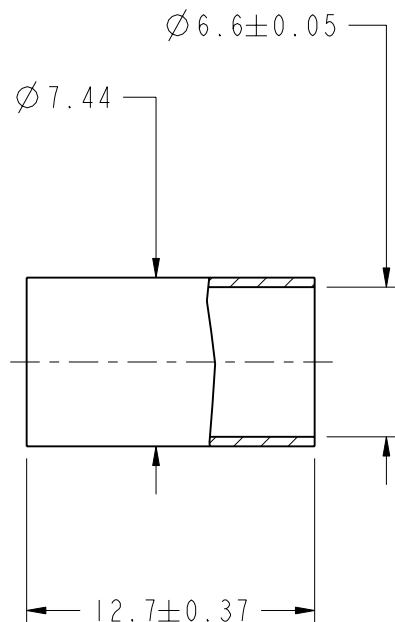
ITEM NO. 3FAI-NXSJ-C65W6

PART NO	3FAI-NXSJ-C65W6
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CONFIGURATION CONTROL:
NO CHANGES PERMITTED TO DRAWING WITHOUT
PPAP QUALIFIED CUSTOMER APPROVAL

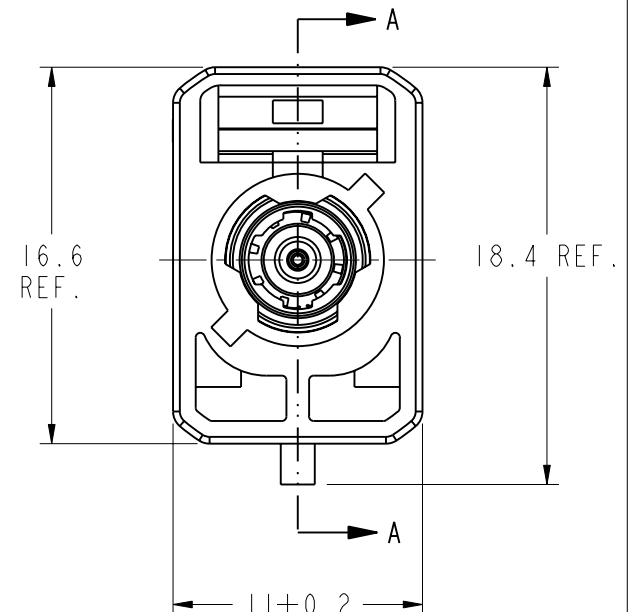
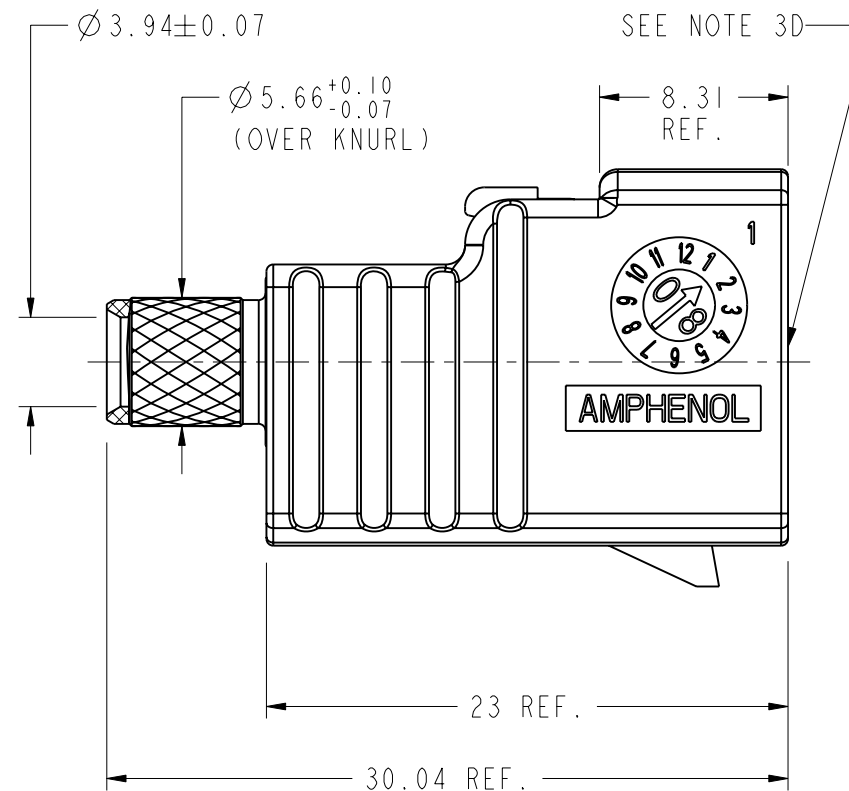


SCALE 1.500



CONTACT SHOWN FOR
REFERENCE ONLY

SECTION A-A



SEE TABLE FOR
PART NUMBER, COLOR,
AND KEY CODING
- "C" KEYING SHOWN -

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY