

NOTES:

1. MATERIALS AND FINISH (IN MICRO-INCHES)

BODY

= ZINC DIECAST (PER ASTM B86), MATTE TIN PL.

INSULATOR

= PTFE PER ASTM D1710, COLOR: NATURAL

HOUSING

= PPE+PS, COLOR:PER TABLE

FERRULE

= COPPER (PER ASTM B75),NICKEL PL.

O-RING

= SILICONE RUBBER, COLOR: RED

SHRINK TUBING

= POLYOLEFIN, ADHESIVE LINED, COLOR: BLACK

CONTACT SUPPLIED SEPARATELY AS P/N: FKCP08402 (5,000 PCS. REEL)

CABLE DEFINITIONS PER AMPHENOL REPORT DE825

2. ELECTRICAL:

A. IMPEDANCE:

50 OHM, NOMINAL

B. FREQUENCY RANGE:

DC-3.0 GHz

C. VSWR(RETURN LOSS):

1.200 (-20.8dB) MAX.(DC-200 MHz)

(MATED PAIR) 1.400 (-15.6dB) MAX.(200 MHz-2.0 GHz)

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

E. ENVIRONMENTAL SEAL (WHEN MATED):

IP67

4. PACKAGING:

A. QUANTITY:

TRAY PACK

B. MARKING:

TRAY TO BE MARKED

"AMPHENOL RF, 3FAIENXSJ-COIES, AND DATE CODE"

5. CABLE ASSEMBLY INSTRUCTIONS PER 349-50910

THIRD ANGLE PROJ.

CONFIGURATION CONTROL:

NO CHANGES PERMITTED TO DRAWING WITHOUT PPAP QUALIFIED CUSTOMER APPROVAL

14.4

8.2

2.5

RECOMMENDED CABLE STRIPPING DIMENSIONS

Ø15.9 REF.

Ø15.9mm CLEARANCE

SCALE 4.000

HEAT SHRINK TUBING

FEMALE CONTACT

FERRULE

BODY SUB-ASSEMBLY

O-RING

HOUSING

Ø8 REF.

Ø1 REF.

Ø3.86 REF.

Ø2.7 REF. (OVER KNURL)

19 REF.

11.43 REF. CONTACT SHOWN FOR REFERENCE ONLY

9.52 REF.

24.15 REF.

23 REF.

35.49 REF. (AFTER ASSEMBLY)

CODING	DRAWING NO.	COLOR	RAL NO.
A	3FAIENASJ-COIES	JET BLACK	9005
B	3FAIENBSJ-COIES	CREAM	9001
C	3FAIENCSJ-COIES	SIGNAL BLUE	5005
D	3FAIENDSJ-COIES	CLARET VIOLET	4004
E	3FAIENESJ-COIES	LEAF GREEN	6002
F	3FAIENFSJ-COIES	NUT BROWN	8011
G	3FAIENG SJ-COIES	BLUE GREY	7031
H	3FAIENHSJ-COIES	HEATHER VIOLET	4003
I	3FAIENISJ-COIES	BEIGE	1001
K	3FAIENKSJ-COIES	CURRY	1027
L	3FAIENLSJ-COIES	CARMINE RED	3002
M	3FAIENMSJ-COIES	PASTEL ORANGE	2003
N	3FAIENNSJ-COIES	PASTEL GREEN	6019
Z	3FAIENZSJ-COIES	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

-

REFERENCE

EAR # 6633 AND

CONFIGURATION LEVEL: RELEASE

FINISH

DRAWN

H.CHEN

ENGINEER

E.WANKOFF

APPROVED

S.HSIEH

CAD FILE

DATE

24-Jun-16

DATE

24-Jun-16

DATE

24-Jun-16

TITLE

GEN 3.5 FAKRA JACK, COI CABLE GROUP, IP67 SEALED TAPE AND REEL CONTACT (SUPPLIED SEPARATELY)

SCALE: 3.0:1.0

SHEET

2 OF 2

DWG SIZE

B

REV

A

Amphenol RF

Danbury CT USA, Tainan, Taiwan, Shenzhen, China

www.amphenolrf.com

DRAWING NO.3FAIENXSJ-COIES

ITEM NO. 3FAIENXSJ-COIES

PART NO. 3FAIENXSJ-COIES