

NOTES:

1. MATERIALS AND FINISHES(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
- CONTACT = BERYLLIUM COPPER (PER QQ-C-530),
GOLD PL. 30 MIN. THICK OVER NICKEL PL. 100 MIN. THICK
OVER NICKEL STRIKE
- INSULATOR = PTFE PER ASTM D1710, COLOR: NATURAL.
- HOUSING = PPE+PS, UNFILLED, COLOR & KEYING
PER AMPHENOL SPEC. FAKRA-KEY-JACK
(REFER TO TABLE BELOW FOR KEY CODE)
- FERRULE = COPPER, PER ASTM B-75 ALLOY C12200,
NICKEL PL. 100 MIN. THICK OVER COPPER STRIKE

2. ELECTRICAL:

- A. IMPEDANCE: 50 OHM, NOMINAL
- B. FREQUENCY RANGE: DC - 3.0 GHz
- C. VSWR[RETURN LOSS]: 1.200 [-20.8 dB], MAX.(DC-200 MHz)
(MATED PAIR) 1.400 [-15.6 dB], MAX.(200 MHz-2.0 GHz)
1.500 [-13.9 dB], 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

4. PACKAGING:

- A. QUANTITY: SINGLE PACK
- B. MARK BAG: AMPHENOL RF
3FAIENXRJ-C04Y3
DATE CODE
ASSEMBLY INSTRUCTION: 349-50785

5. CRIMPED FERRULE HEX CRIMP SIZE 0.213"
CONTACT PIN TO SOLDER

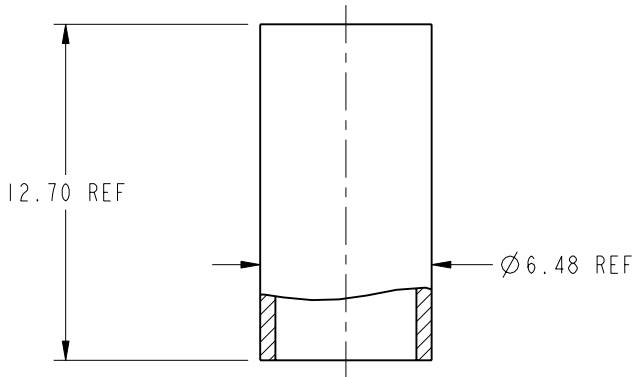
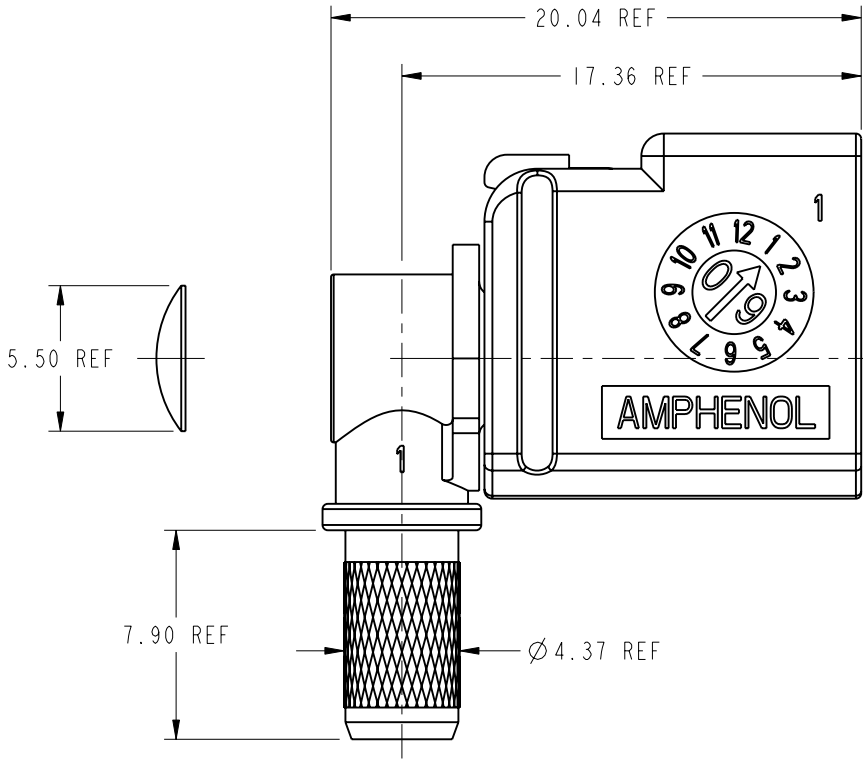
6. ALL DIMENSIONS MECHANICAL & ELECTRICAL DESIGN COMPLY
WITH DIN 72594-1 AND USCAR-18 SPEC.

CODING	DRAWING NO.	COLOR	RAL NO.
A	3FAIENARJ-C04Y3	JET BLACK	9005
B	3FAIENBRJ-C04Y3	CREAM	9001
C	3FAIENCRJ-C04Y3	SIGNAL BLUE	5005
D	3FAIENDRJ-C04Y3	CLARET VIOLET	4004
E	3FAIENERJ-C04Y3	LEAF GREEN	6002
F	3FAIENFRJ-C04Y3	NUT BROWN	8011
G	3FAIENGRJ-C04Y3	BLUE GREY	7031
H	3FAIENHRJ-C04Y3	HEATHER VIOLET	4003
I	3FAIENIRJ-C04Y3	BEIGE	1001
K	3FAIENKRJ-C04Y3	CURRY	1027
L	3FAIENLRJ-C04Y3	CARMINE RED	3002
M	3FAIENMRJ-C04Y3	PASTEL ORANGE	2003
N	3FAIENNRJ-C04Y3	PASTEL GREEN	6019
Z	3FAIENZRJ-C04Y3	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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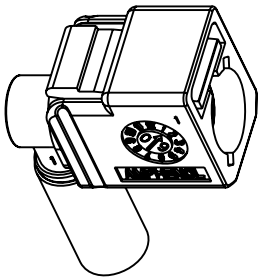
THIRD ANGLE PROJ.



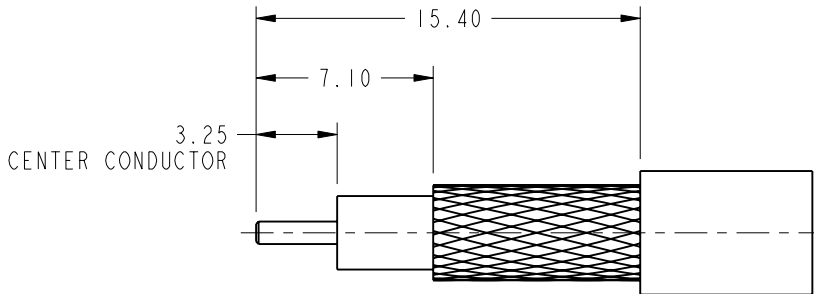
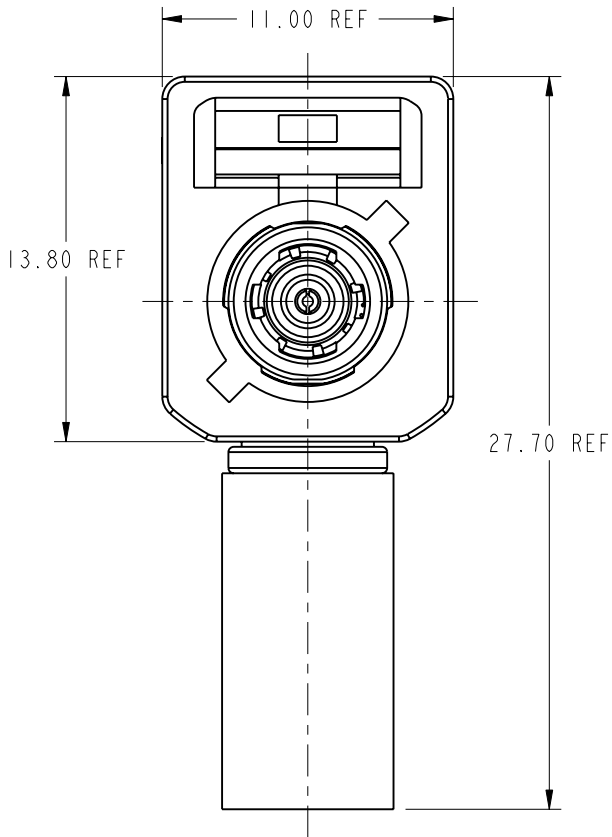
CONFIGURATION CONTROL:
NO CHANGES PERMITTED TO DRAWING WITHOUT
PPAP QUALIFIED CUSTOMER APPROVAL

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	25-Jul-14	50012	MB



SCALE 1.500



**RECOMMENDED
CABLE STRIPPING DIMENSIONS**

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

MATERIAL	DRAWN MOHAN	DATE 02-May-14	TITLE FAKRA R/A JACK, GEN 3.5, CABLE GROUP C04		Amphenol RF www.amphenolrf.com	
SEE NOTES	ENGINEER B.C.GLEISSNER	DATE 02-May-14			DRAWING NO.3FAIENXRJ-C04Y3	
REFERENCE EAR # 6224	APPROVED B.C.GLEISSNER	DATE 25-Jul-14	SCALE: 3.5:1.0	SHEET 2 OF 2	ITEM NO.3FAIENXRJ-C04Y3	
CONFIGURATION LEVEL: In Work	CAD FILE		DWG SIZE B		REV A	PART NO.3FAIENXRJ-C04Y3
FINISH						