

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): 1.400 (-15.6 dB), MAX.(DC-2.0 GHz)
(MATED PAIR) 1.500 (-13.9 dB), MAX.(2.0-3.0 GHz)
- D. DIELECTRIC WITHSTANDING VOLTAGE: 800 VRMS, MIN.

3. MECHANICAL:

- A. DURABILITY: 100 CYCLES MIN.
- B. TEMPERATURE RANGE: -40° C TO 85° C

4. PACKAGING:

- A. QUANTITY: TRAY PACK
- B. MARKING: TRAY TO BE MARKED
"AMPHENOL,3FAI-NXRJ-C04-3 (PER TABLE), AND DATE CODE"

5. CRIMPED FERRULE HEX CRIMP SIZE .213"

CONTACT PIN TO SOLDER

6. ALL DIMENSIONS MECHANICAL & ELECTRICAL DESIGN COMPLY

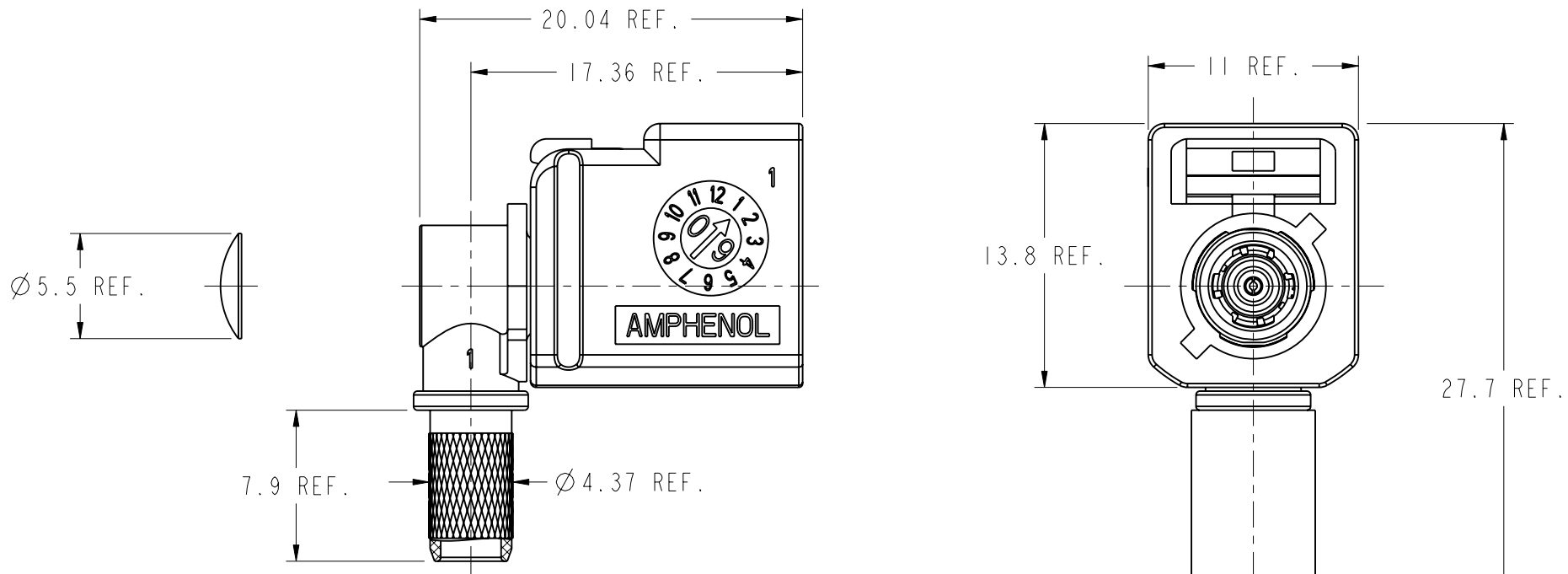
WITH DIN 72594-1 AND USCAR-18 SPEC.

7. CABLE ASSEMBLY INSTRUCTIONS PER 349-50785

THIRD ANGLE PROJ.

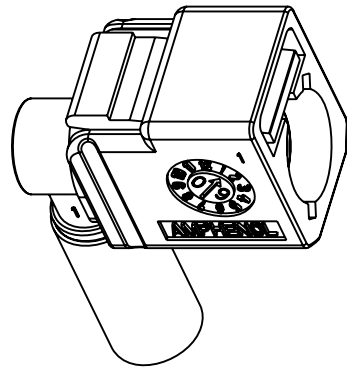
REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	05-Mar-13	49486	JY

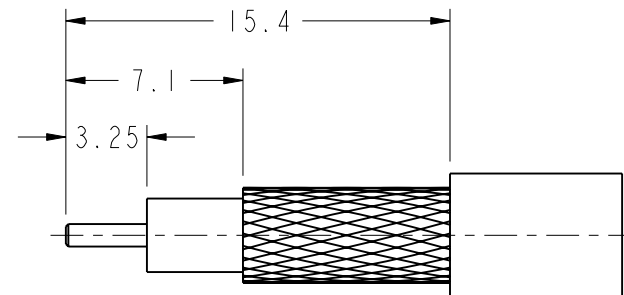
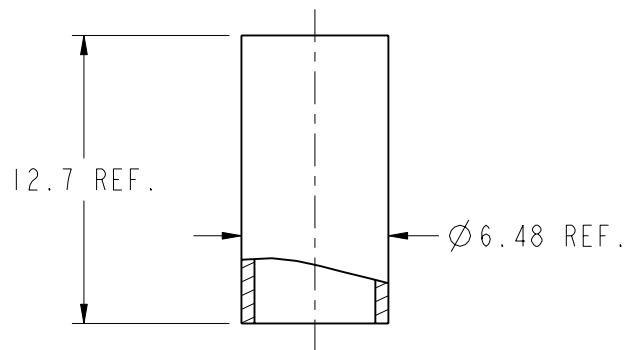


CONFIGURATION CONTROL:
NO CHANGES PERMITTED TO DRAWING WITHOUT
PPAP QUALIFIED CUSTOMER APPROVAL

CODING	DRAWING NO.	COLOR	RAL NO.
A	3FAIENARJ-C04-3	JET BLACK	9005
B	3FAIENBRJ-C04-3	CREAM	9001
C	3FAIENCRJ-C04-3	SIGNAL BLUE	5005
D	3FAIENDRJ-C04-3	CLARET VIOLET	4004
E	3FAIENERJ-C04-3	LEAF GREEN	6002
F	3FAIENFRJ-C04-3	NUT BROWN	8011
G	3FAIENGRJ-C04-3	BLUE GREY	7031
H	3FAIENHRJ-C04-3	HEATHER VIOLET	4003
I	3FAIENIRJ-C04-3	BEIGE	1001
K	3FAIENKRJ-C04-3	CURRY	1027
L	3FAIENLRJ-C04-3	CARMINE RED	3002
M	3FAIENMRJ-C04-3	PASTEL ORANGE	2003
N	3FAIENNRJ-C04-3	PASTEL GREEN	6019
Z	3FAIENZRJ-C04-3	WATER BLUE	5021



SCALE 2.000



**RECOMMENDED
CABLE STRIPPING DIM'S**

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: <0.5mm ± 0.05mm 0.5 - 6mm ± 0.1mm 6 - 30mm ± 0.2mm 30 - 120mm ± 0.3mm ANGLES ±1°	MATERIAL	DRAWN K.LIAO	DATE 05-Mar-13	TITLE FAKRA R/A JACK, GEN 3.5, CABLE GROUP C04		Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com	
	-	ENGINEER J.YANG	DATE 05-Mar-13				
	REFERENCE EAR # 5483 AND	APPROVED S.HSIEH	DATE 26-Mar-13	SCALE: 3.0:1.0 SHEET 2 OF 2		DRAWING NO. 3FAIENXRJ-C04-3	
	CONFIGURATION LEVEL:	CAD FILE		DWG SIZE B	REV A	ITEM NO. 3FAIENXRJ-C04-3	PART NO. 3FAIENXRJ-C04-3