

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-C01-3 (PER TABLE), AND DATE CODE"
5. CRIMPED FERRULE HEX CRIMP SIZE .128"
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

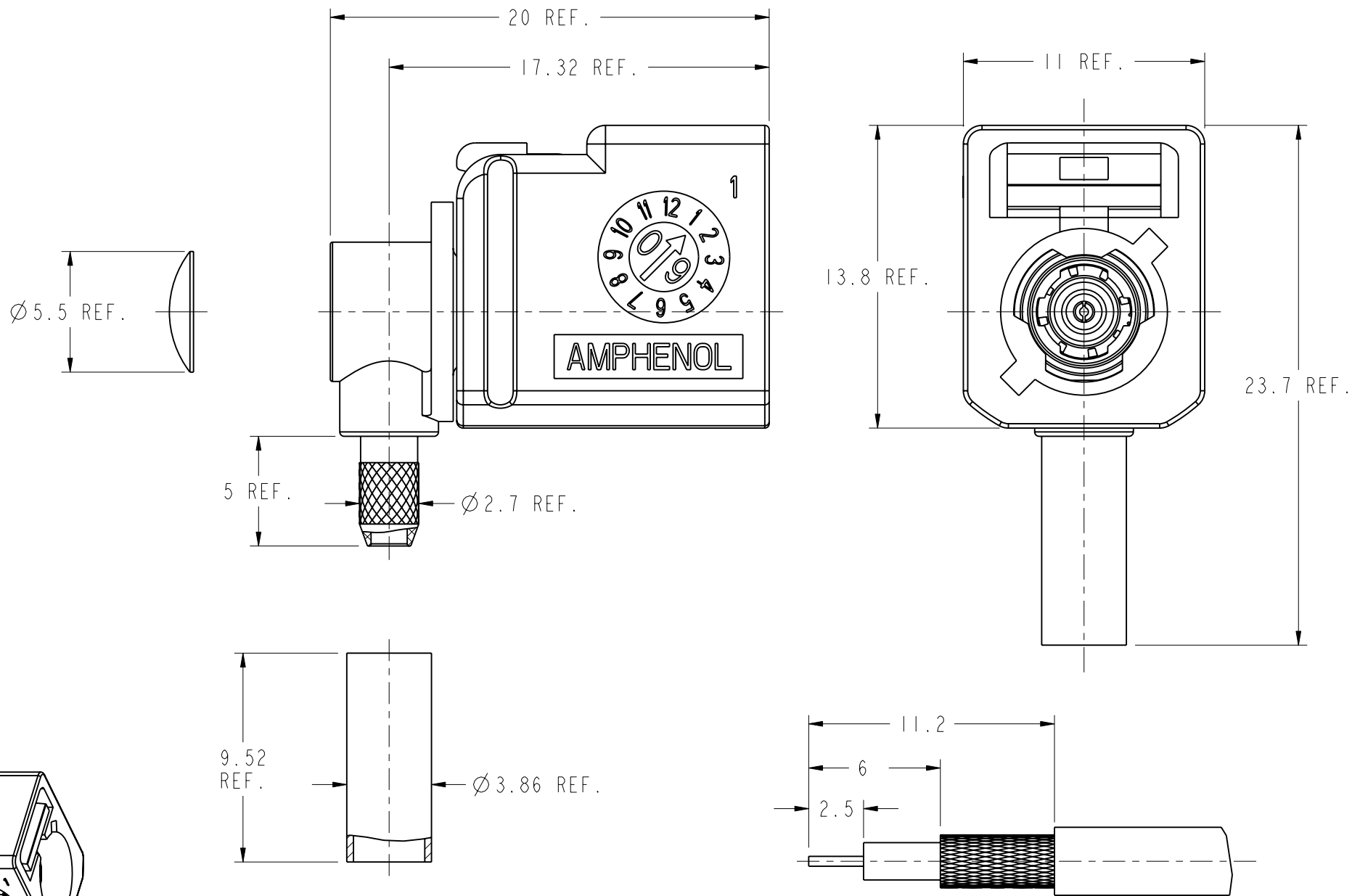
CONFIGURATION CONTROL:
NO CHANGES PERMITTED TO DRAWING WITHOUT
PPAP QUALIFIED CUSTOMER APPROVAL

<u>CODING</u>	<u>DRAWING NO.</u>	<u>COLOR</u>	<u>RAL NO.</u>
A	3FAI-NARJ-C01-3	JET BLACK	9005
B	3FAI-NBRJ-C01-3	CREAM WHITE	9001
C	3FAI-NCRJ-C01-3	SIGNAL BLUE	5005
D	3FAI-NDRJ-C01-3	CLARET VIOLET	4004
E	3FAI-NERJ-C01-3	LEAF GREEN	6002
F	3FAI-NFRJ-C01-3	NUT BROWN	8011
G	3FAI-NGRJ-C01-3	BLUE GREY	7031
H	3FAI-NHRJ-C01-3	HEATHER VIOLET	4003
I	3FAI-NIRJ-C01-3	BEIGE	1001
K	3FAI-NKRJ-C01-3	CURRY	1027
L	3FAI-NLRJ-C01-3	CARMINE RED	3002
M	3FAI-NMRJ-C01-3	PASTEL ORANGE	2003
N	3FAI-NNRJ-C01-3	PASTEL GREEN	6019
Z	3FAI-NZRJ-C01-3	WATER BLUE	5021

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SCALE 2.000

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	16-Mar-10	48018	SH
B	REVISED PER PCN DATED 03-Nov-2010 \RD-DM11032201K\	24-Mar-11	48337	BCG



RECOMMENDED CABLE STRIPPING DIM'S

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

MATERIAL	DRAWN K.LIAO	DATE 24-Mar-11	TITLE FAKRA R/A JACK, GEN 3.0, CABLE GROUP C01		Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com	
-	ENGINEER J.YANG	DATE 16-Jul-09				
REFERENCE EAR # 3652 AND	APPROVED S.HSIEH	DATE 24-Mar-11	SCALE: 4.0:1.0	SHEET	DRAWING NO. 3FAI-NXRJ-C01-3	
CONFIGURATION LEVEL: RELEASE	CAD FILE			2 OF 2	ITEM NO. 3FAI-NXRJ-C01-3	
FINISH	Root Folder/FAKRA/3FAI-NXRJ-C01-3		DWG SIZE B	REV B	PART NO. 3FAI-NXRJ-C01-3	