

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: 75 OHM (NOMINAL)

B. FREQUENCY RANGE: DC - 200 MHz

C. VSWR(RETURN LOSS): 1.400 (-15.6 dB), MAX.
(MATED PAIR)

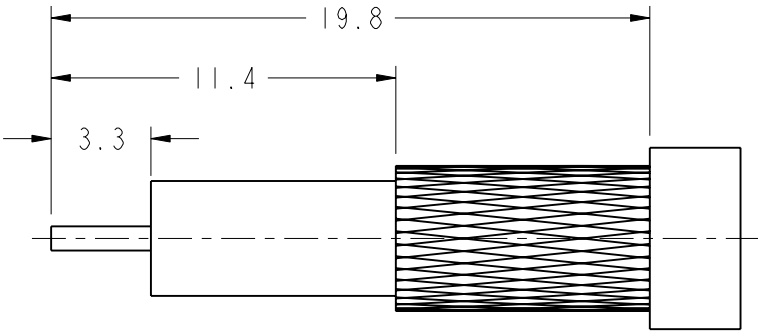
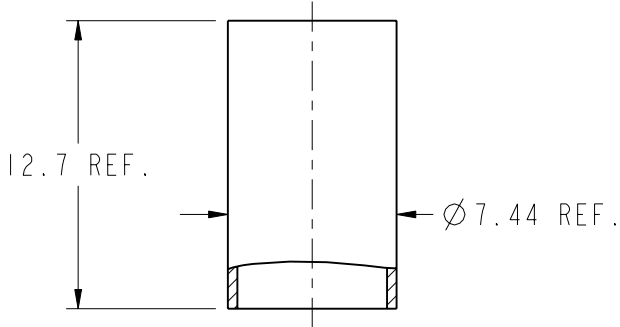
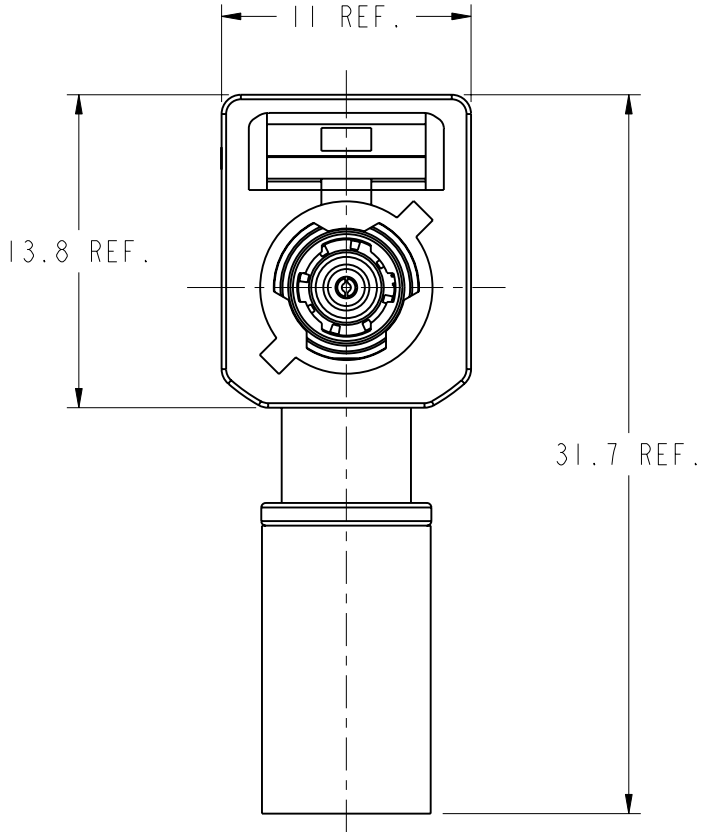
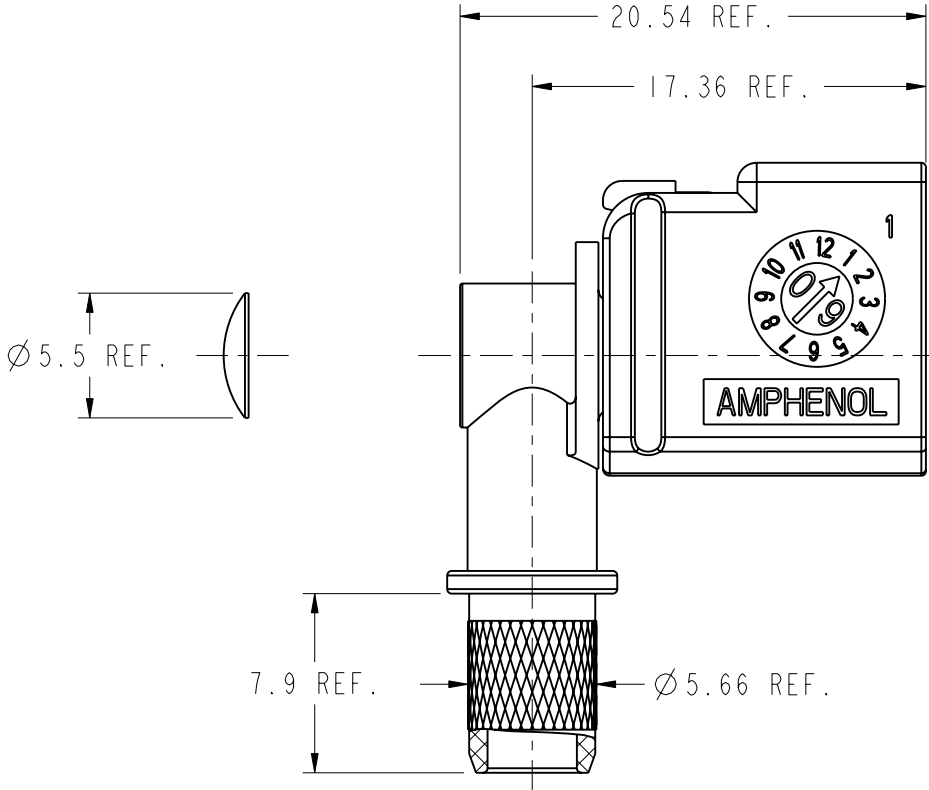
D. DIELECTRIC WITHSTANDING VOLTAGE: 800 VRMS, MIN.
3. MECHANICAL:
- A. DURABILITY: 100 CYCLES MIN.

B. TEMPERATURE RANGE: -40° C TO 85° C
4. PACKAGING:
- A. MARKING: TRAY TO BE MARKED
"AMPHENOL,3FAI-NXRJ-C65-3 (PER TABLE), AND DATE CODE"
5. CRIMPED FERRULE HEX CRIMP SIZE .255"
CONTACT PIN TO SOLDER
6. ALL DIMENSIONS MECHANICALAL & 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.	30-Dec-09	----	SH
B	REVISED PER PCN DATED 03-Nov-2010 \RD-DM11032201K\	24-Mar-11	48337	BCG



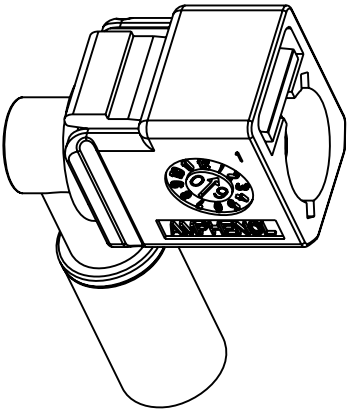
RECOMMENDED
CABLE STRIPPING DIM'S

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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

CODING	DRAWING NO.	COLOR	RAL NO.
A	3FAI-NARJ-C65-3	JET BLACK	9005
B	3FAI-NBRJ-C65-3	CREAM	9001
C	3FAI-NCRJ-C65-3	SIGNAL BLUE	5005
D	3FAI-NDRJ-C65-3	CLARET VIOLET	4004
E	3FAI-NERJ-C65-3	LEAF GREEN	6002
F	3FAI-NFRJ-C65-3	NUT BROWN	8011
G	3FAI-NGRJ-C65-3	BLUE GREY	7031
H	3FAI-NHRJ-C65-3	HEATHER VIOLET	4003
I	3FAI-NIRJ-C65-3	BEIGE	1001
K	3FAI-NKRJ-C65-3	CURRY	1027
L	3FAI-NLRJ-C65-3	CARMINE RED	3002
M	3FAI-NMRJ-C65-3	PASTEL ORANGE	2003
N	3FAI-NNRJ-C65-3	PASTEL GREEN	6019
Z	3FAI-NZRJ-C65-3	WATER BLUE	5021



SCALE 2.000

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 24-Mar-11	TITLE FAKRA R/A JACK, GEN 3.0, CABLE GROUP C65		Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com	
	REFERENCE EAR # 3652 AND	ENGINEER J.YANG	DATE 17-Jul-09				
	CONFIGURATION LEVEL: Prototype	APPROVED S.HSIEH	DATE 24-Mar-11	SCALE: 3.0:1.0	SHEET 2 OF 2	DRAWING NO. 3FAI-NXRJ-C65-3	ITEM NO. 3FAI-NXRJ-C65-3
	FINISH	CAD FILE I:\FAKRA\3FAI-NXRJ-C65-3		DWG SIZE B	REV B	PART NO. 3FAI-NXRJ-C65-3	