

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

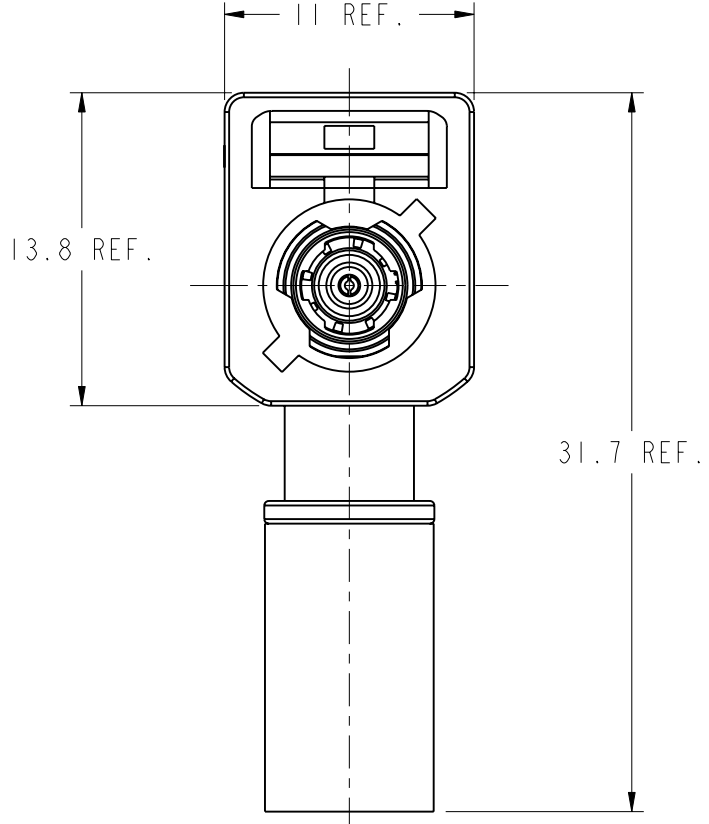
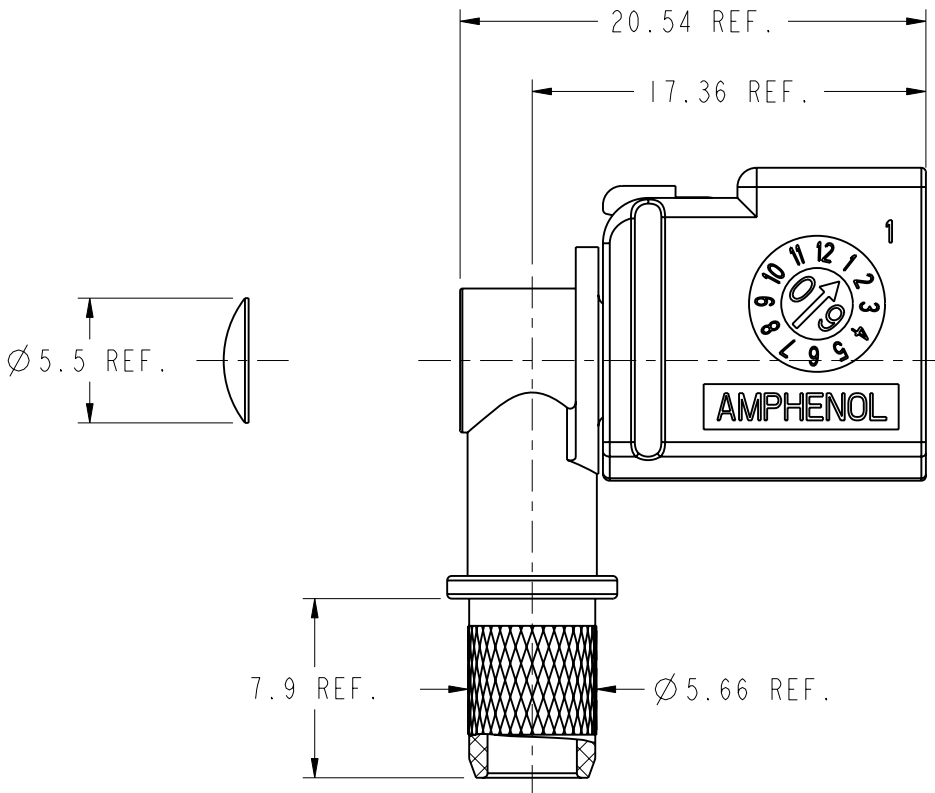
WITH DIN 72594-1 AND USCAR-18 SPEC.

7. CABLE ASSEMBLY INSTRUCTIONS PER 349-50785

THIRD ANGLE PROJ.

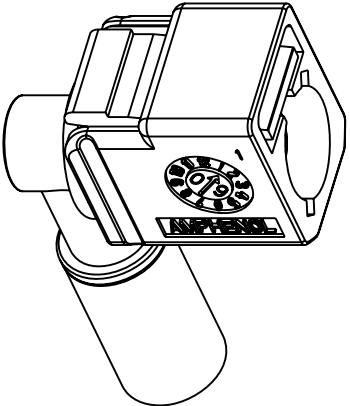
REVISIONS

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



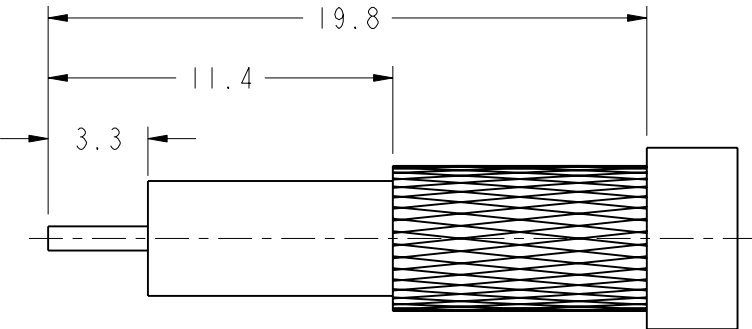
CONFIGURATION CONTROL:
NO CHANGES PERMITTED TO DRAWING WITHOUT
PPAP QUALIFIED CUSTOMER APPROVAL

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

**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 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES ± 0.05mm ±0.1mm ±0.2mm ± 0.3mm ±1° NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other sperson to manufacture, use or sell any product, process or design, patented or otherwsiw, that may in any way be related to or disclosed by said drawings, specifications, or other data.	MATERIAL	DRAWN	DATE	TITLE		Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com	
	-	K.LIAO	24-Mar-11				
		ENGINEER	DATE	FAKRA R/A JACK, GEN 3.0, CABLE GROUP C65		DRAWING NO. 3FAI-NXRJ-C65-3	
		J. YANG	17-Jul-09				
		REFERENCE	APPROVED	DATE	SCALE: 3.0:1.0		SHEET 2 OF 2
	EAR # 3652 AND	S. HSIEH	24-Mar-11	DWG SIZE			
	CONFIGURATION LEVEL: Prototype	CAD FILE				B	
	FINISH	I:\FAKRA\3FAI-NXRJ-C65-3		PART NO. 3FAI-NXRJ-C65-3			