

NOTES:

1. MATERIALS AND FINISHES(MICRO-INCHES)

BODY = ZINC DIECAST (ZAMAK #3 PER ASTM-B86) NICKEL PL. (150 MIN/200MAX).
THICK OVER COPPER PL. (100 MIN/200 MAX) THICK
MALE CONTACT = PHOSPHOR BRONZE (PER ASTM-B103 0.2 MM THICK)
GOLD PL. 30 MIN THICK OVER NICKEL 80 MIN
INSULATOR = PTFE PER D1710, COLOR: NATURAL.
FAKRA HOUSING = NYLON 46, 30% GLASS FILLED, PER KDF, AKROMID A GRADE
A3GF14 COLOR PER AMPHENOL SPEC. 349-50688 (REFER
TO TABLE BELOW FOR KEY CODE)
FERRULE = SEAMLESS COPPER TUBING, ALLOY 122 (DHP), ASTM B75 HARD
DRAWN TO ROCKWELL 58-77 ON 30T SCALE, NICKEL PL. 100 MIN THICK.
OVER COPPER STRIKE.

2. ELECTRICAL:

A. FREQUENCY RANGE: 500 MHz

3. MECHANICAL:

A. DURABILITY: 50 CYCLES MIN.

B. TEMPERATURE RANGE: -65° C TO 165° C

4. PACKAGING:

A. QUANTITY: TRAY PACK

B. MARKING: TRAY TO BE MARKED

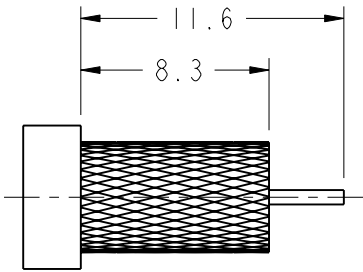
"AMPHENOL, 2FAI-NXSP-C65SI, AND DATE CODE"

5. CRIMPED FERRULE HEX CRIMP SIZE .255"

CRIMP CONTACT ONTO CABLE PER 349-50747

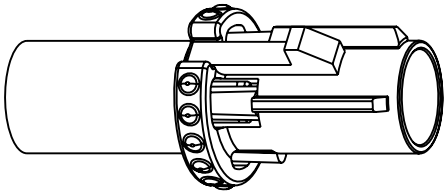
CONFIGURATION CONTROL:
NO CHANGES PERMITTED TO DRAWING WITHOUT
PPAP QUALIFIED CUSTOMER APPROVAL

REVISIONS				
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	18-Mar-06	45982	BRUCE
B	BODY WAS: ZINC DIECAST(ZAMAK #3 PER ASTM B86)	14-Apr-06	45991	JERRY
C	BODY WAS:BRASS (PER ASTM B16,ALLOY C36000)	31-MAY-06	-----	JERRY
CI	CHANGED PLATING FOR BODY	28-Aug-06	-----	HELLEN
D	SEE SHEET 1	19-Apr-07	-----	EM
E	SEE SHEET 1	29-Aug-07	-----	SH
F	FKFR01101 WAS FKFR01101A \RD-DM0902040IS2	09-Feb-09	-----	SH
G	SHEET 1: FKNS04502 WAS FKNS04502C \RD-DM11100601K\	14-Oct-11	-----	JY



SCALE 3.000

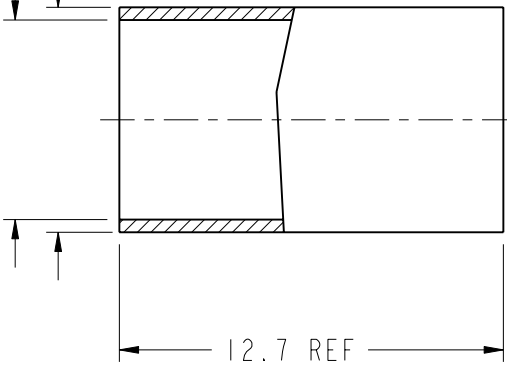
**RECOMMENDED
CABLE STRIPPING DIM'S**



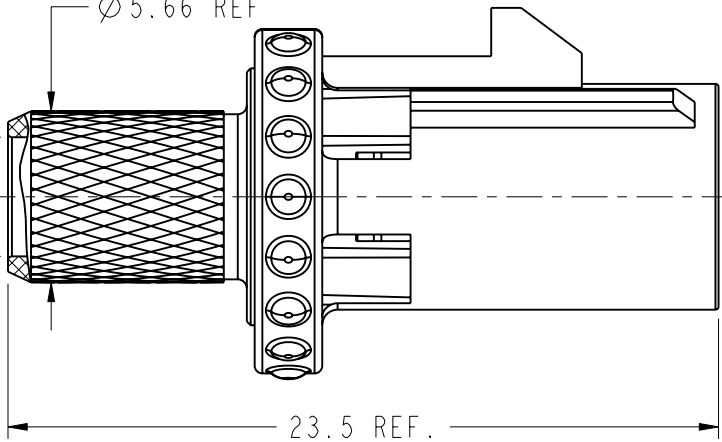
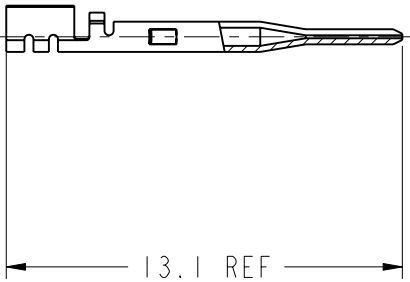
SCALE 2.000

CODING	DRAWING NO.	COLOR	RAL NO.
A	2FAI-NASP-C65SI	JET BLACK	9005
B	2FAI-NBSP-C65SI	CREAM	9001
C	2FAI-NCSP-C65SI	SIGNAL BLUE	5005
D	2FAI-NDSP-C65SI	CLARET VIOLET	4004
E	2FAI-NESP-C65SI	LEAF GREEN	6002
F	2FAI-NFSP-C65SI	NUT BROWN	8011
G	2FAI-NGSP-C65SI	BLUE GREY	7031
H	2FAI-NHSP-C65SI	HEATHER VIOLET	4003
I	2FAI-NISP-C65SI	BEIGE	1001
K	2FAI-NKSP-C65SI	CURRY	1027
L	2FAI-NLSP-C65SI	CARMINE RED	3002
M	2FAI-NMSP-C65SI	PASTEL ORANGE	2003
N	2FAI-NNSP-C65SI	PASTEL GREEN	6019
Z	2FAI-NZSP-C65SI	WATER BLUE	5021

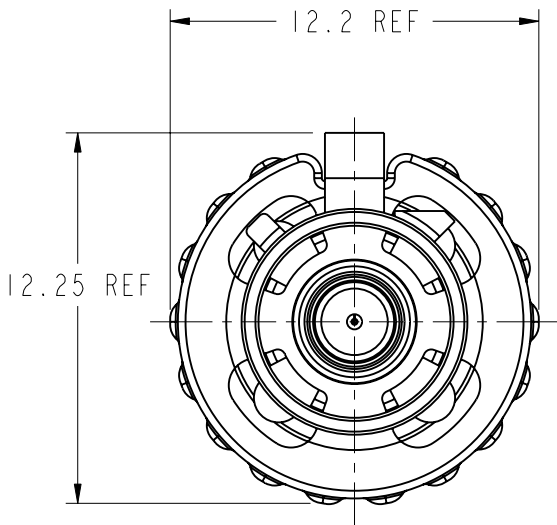
Ø 6.6 REF
Ø 7.44 REF



Ø 3.94 REF
Ø 5.66 REF



SECTION A-A



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°

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 person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.

MATERIAL
-

REFERENCE
EAR #1435 AND 615X-2128-100

CONFIGURATION LEVEL:

FINISH

DRAWN
K.LIAO

ENGINEER
S.HSIEH

APPROVED
S.HSIEH

DATE
14-Oct-11

DATE
14-Apr-06

DATE
14-Oct-11

TITLE
FAKRA (GEN II) PLUG,
C65 CABLE GROUP WITH
STAMPED CONTACT

SCALE: 4.0:1.0 SHEET 2 OF 2
DWG SIZE B REV G

Amphenol RF

www.amphenolrf.com

DRAWING NO. 2FAI-NXSP-C65SI

ITEM NO. 2FAI-NXSP-C65SI

PART NO. 2FAI-NXSP-C65SI