

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

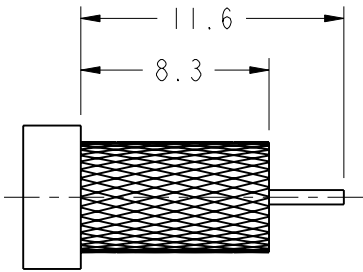
"AMPHENOL, 2FAI-NXSP-C65SI, AND DATE CODE"

5. CRIMPED FERRULE HEX CRIMP SIZE .255"

CRIMP CONTACT ONTO CABLE PER 349-50747

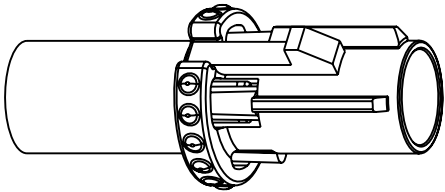
CONFIGURATION CONTROL:
NO CHANGES PERMITTED TO DRAWING WITHOUT
PPAP QUALIFIED CUSTOMER APPROVAL

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

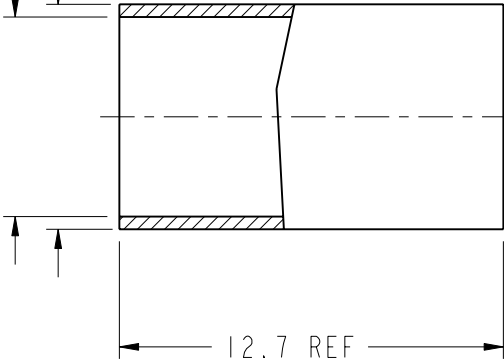
RECOMMENDED
CABLE STRIPPING DIM'S



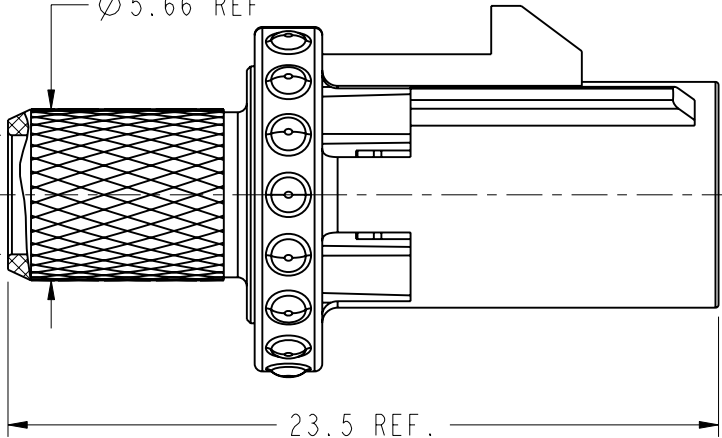
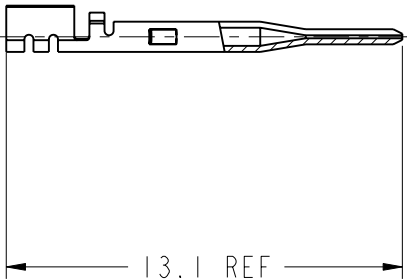
SCALE 2.000

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

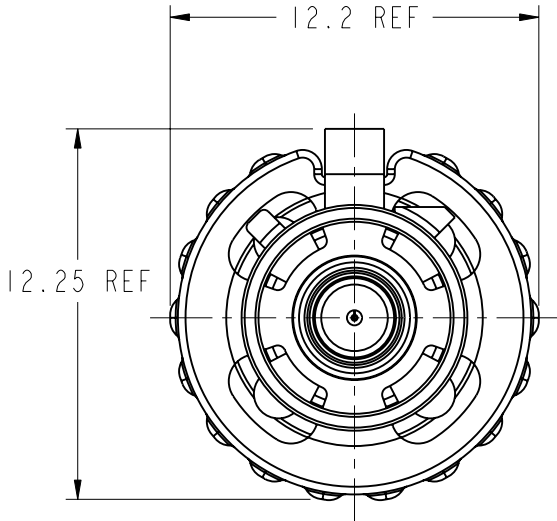
Ø6.6 REF
Ø7.44 REF



Ø3.94 REF
Ø5.66 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°

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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

DWG SIZE

B

SHEET

2 OF 2

REV

G

Amphenol RF

www.amphenolrf.com

DRAWING NO. 2FAI-NXSP-C65SI

ITEM NO. 2FAI-NXSP-C65SI

PART NO. 2FAI-NXSP-C65SI