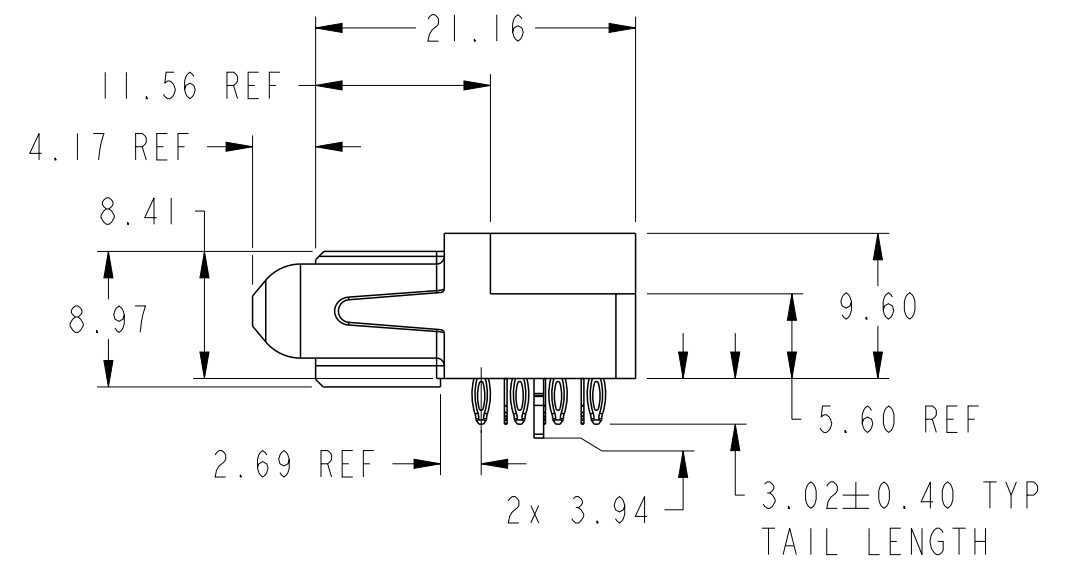
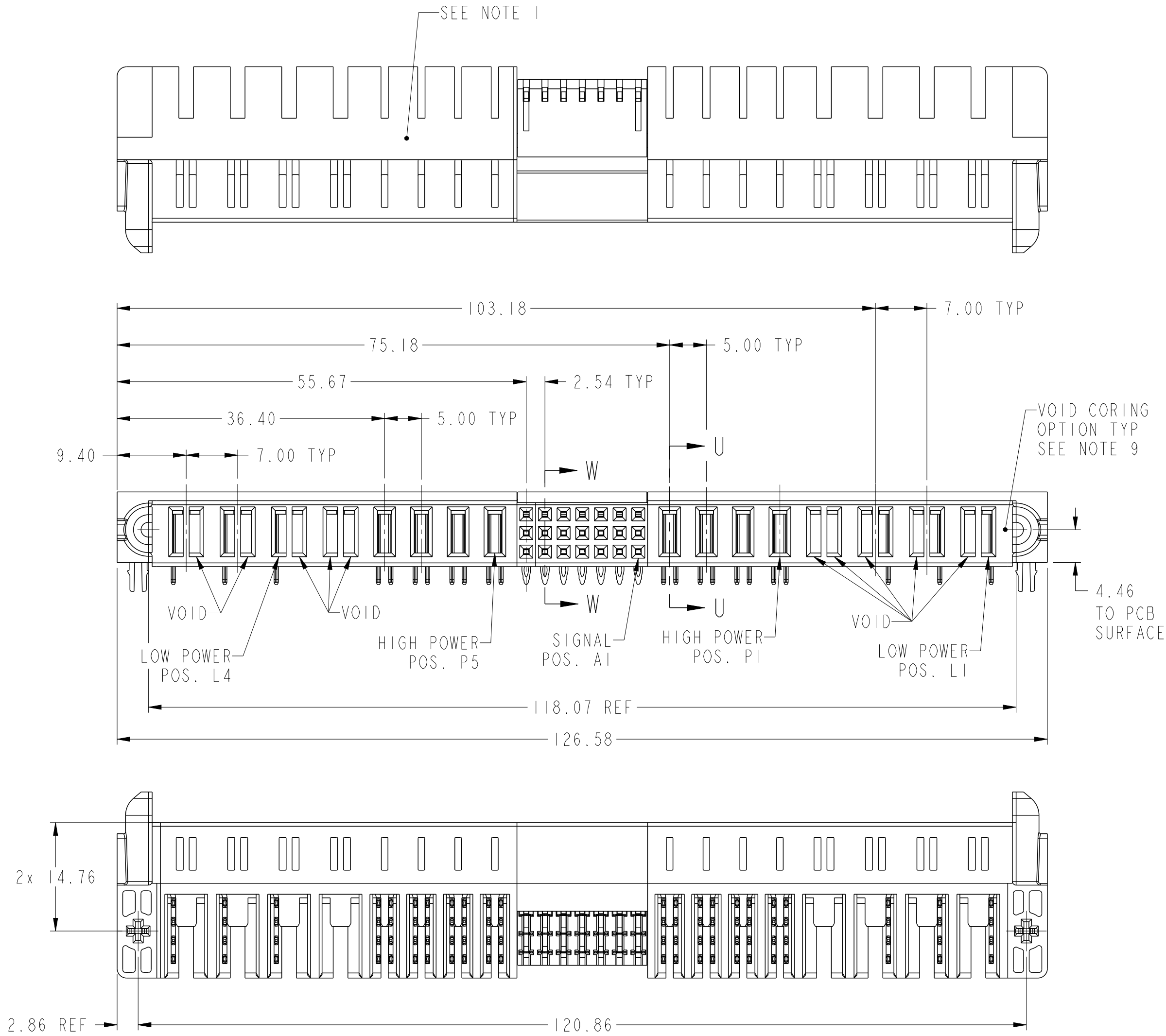
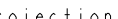
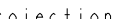
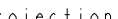


PRODUCT NUMBER
10127400-05HI410LF



spec ref	-	dr	Kaka Zhang	2015/11/24	projection		MM	size	A2	scale	2:1	
tolerance std	-	eng	Kaka Zhang	2017/06/05			MM	ecn no	ELX-DG-27148-1			
ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	Fancy Zhang	2017/06/06				rel level	Released			
		appr	Pei-Ming Zheng	2017/09/01				product family	PwrBlade ULTRA			
surface	linear	0.X	±0.50	Amphenol FCi	title			3LP+4HP+2IS+4HP+3LP, PRESS-FIT R/A RECEPTACLE, PwrBlade ULTRA	dwg no	10127400-05H1410	rev	B
		0.XX	±0.25									
		0.XXX	±0.130									
ASME Y14.5	angular	0°	±2°	cat. no.		-	Product - Customer Special Drw		sheet 1 of 3			

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8

PRODUCT NUMBER

10127400-05HI410LF

NOTES:

1.

"FCI", PART NUMBER AND DATE CODE TO BE MARKED ON THIS SURFACE.
THE P/N CAN BE OMITTED IF THERE IS NOT ENOUGH SPACE ON THIS SURFACE.

2.

MATERIALS:
HOUSING: GLASS FILLED WITH HIGH TEMP POLYAMIDE, BLACK, UL94V-0.
POWER CONTACTS: COPPER ALLOY.
SIGNAL CONTACTS: COPPER ALLOY.
HOLD DOWN: COPPER ALLOY.

3.

PLATING SPECIFICATION:
POWER CONTACT:
CONTACT AREA: Gold-flash OVER 2.54um [100μ"] Silver OVER 1.27um [50μ"] Ni + Lubricant. Lubricant application at the end of the Plating Line.

B

TAIL AREA: Sn OVER Ni
SIGNAL CONTACT:
CONTACT AREA: 0.76um [30μ"] GXT OVER 1.27um [50μ"] Ni
TAIL AREA: Sn OVER Ni

4.

DENOTES CONNECTOR KEEP OUT ZONE.

5.

DATUM AND BASIC DIMENSION ARE ESTABLISHED BY CUSTOMER.

6.

ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.

7.

1.150±0.025mm DRILLED HOLE PLATED WITH 7.62μm MIN Sn OVER
25.4μm-76.2μm Cu PLATING TO ACHIEVE A 1.02±0.07mm FINISHED HOLE.

8.

PRODUCT SPECIFICATION: FCI GS-12-1176.
APPLICATION SPECIFICATION: FCI GS-20-0389.
PRODUCT PACKAGE SPECIFICATION: FCI GS-14-2354.

9.

THE VOID CORING BETWEEN POWER MODULES, SIGNAL MODULES AND END MODULES ARE
OPTIONAL AND THE SHAPE MAY BE DIFFERENT TO OPTIMIZE THE MOLDING
PROCESS. THE VOID CORING WILL NOT EFFECT THE PRODUCT FUNCTION.

10.

A

B

 SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED
WITH THE CURRENT DRAWING REVISION.

Amphenol
FCi

© 2016 AFCi

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spec ref

-

tolerance std

-

ASME Y14.5

surface

✓

ASME Y14.5

TOLERANCES UNLESS
OTHERWISE SPECIFIED

linear

0.X

±0.50

0.XX

±0.25

0.XXX

±0.130

angular

0°

±2°

dr

Kaka Zhang

2015/11/24

eng

Kaka Zhang

2017/06/05

chr

Fancy Zhang

2017/06/06

appr

Pei-Ming Zheng

2017/09/01

projection

MM

size

A2

scale

2:1

ecn no

ELX-DG-27148-1

product family

PwrBlade ULTRA

rel level

Released

Amphenol
FCi

3LP+4HP+2IS+4HP+3LP, PRESS-FIT
R/A RECEPTACLE, PwrBlade ULTRA

cat. no.

-

Product - Customer Special Drw

title

3LP+4HP+2IS+4HP+3LP, PRESS-FIT
R/A RECEPTACLE, PwrBlade ULTRA

ang no

10127400-05HI410

rev

B

sheet 3 of 3

1

2

3

4

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7

8

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