

Amphenol  
FCI

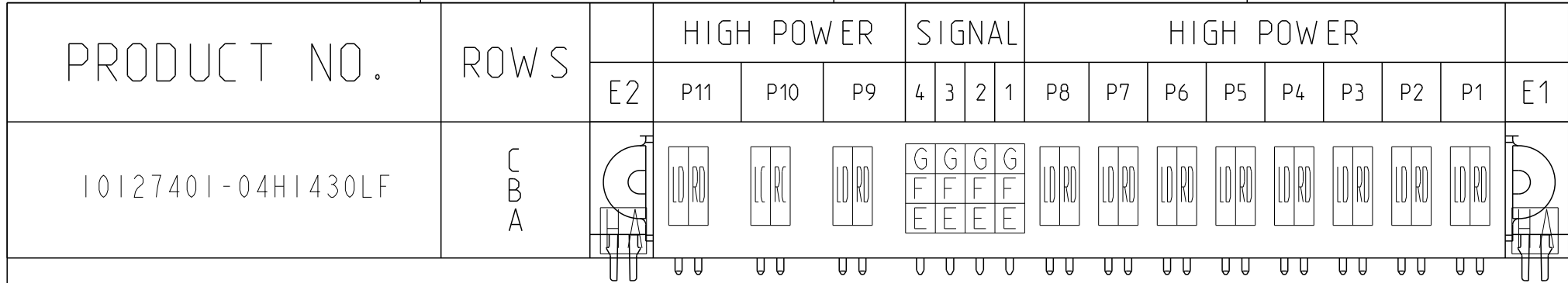
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spec ref -			dr De-Ming Lu		2016/02/25		<div>projection</div> <div></div>	<div>MM</div> <div></div>	size A2	scale 2:1
tolerance std			eng De-Ming Lu		2016/08/12				ecn no -	rel level Released
ISO 406			chr Fancy Zhang		2016/08/12					
ISO 1101			appr Pei-Ming Zheng		2016/08/12					
TOLERANCES UNLESS OTHERWISE SPECIFIED			product family PwrBlade ULTRA							
surface -	linear	0.X	±0.5	Amphenol FCI	title	8HP+12S+3HVP, SOLDER R/A RECEPTACLE, PwrBlade ULTRA			dwg no 10127401-04HI430	rev A
		0.XX	±0.25							
		0.XXX	±0.130							
	angular	0°	±2°							
ISO 1302	cat. no. -			Product - Customer Drw					sheet 1 of 3	

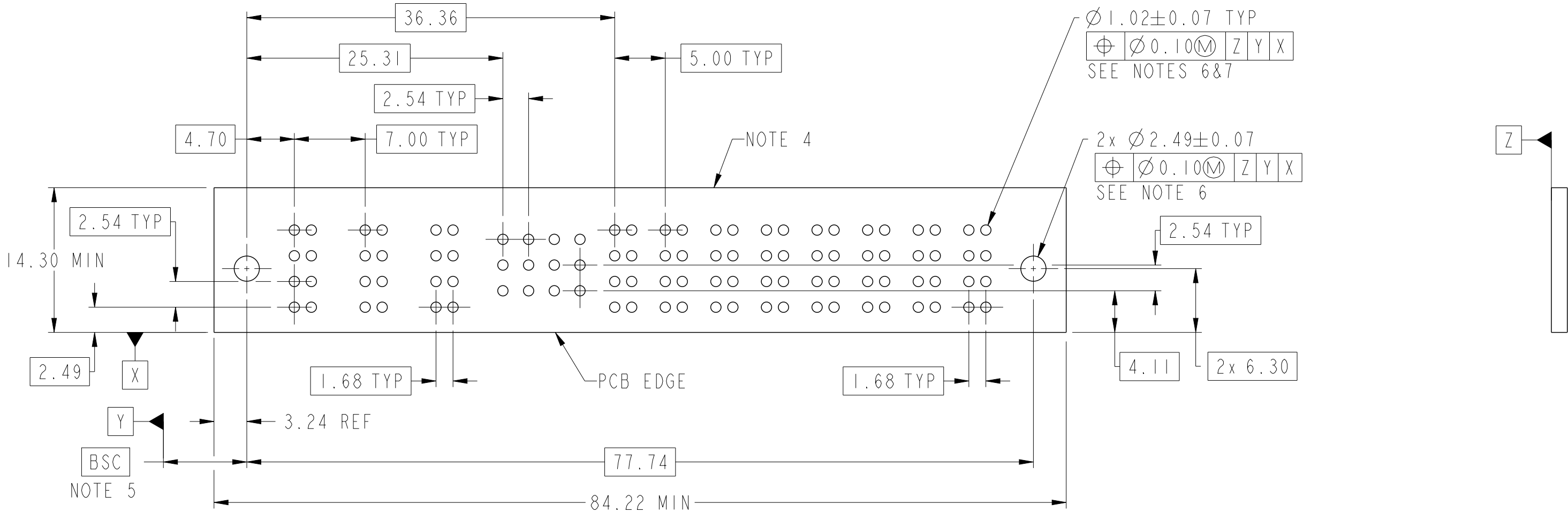
PDS: Rev :A

STATUS:Released

Printed: Aug 12, 2016



CODE	DESCRIPTION
RD	STD RIGHT POWER CONTACT
LD	STD LEFT POWER CONTACT
RC	MFBL RIGHT POWER CONTACT
LC	MFBL LEFT POWER CONTACT
E	SIGNAL CONTACT
F	SIGNAL CONTACT
G	SIGNAL CONTACT
HA	HOLD DOWN



spec ref	-	dr	De-Ming Lu	2016/02/25	projection		MM	size	A2	scale	2:1
tolerance std	ISO 406 ISO 1101	eng	De-Ming Lu	2016/08/12	chr	Fancy Zhang	2016/08/12	ecn no	-		
	TOLERANCES UNLESS OTHERWISE SPECIFIED	appr	Pei-Ming Zheng	2016/08/12	product family	PwrBlade ULTRA	rel level	Released			
surface	ISO 1302	linear	0.X	±0.5	Amphenol FCi	8HP+12S+3HVP, SOLDER	dwg no	10127401-04HI430	rev	A	
		angular	0°	±2°		R/A RECEPTACLE, PwrBlade ULTRA	cat. no.	-	Product - Customer Drw	sheet 2 of 3	

1

2

3

4

5

6

7

8

PRODUCT NUMBER

10127401-04HI430LF

NOTES:

1.

PRODUCT MARK:  
PART NUMBER AND DATE CODE TO BE MARKED ON THIS SURFACE.  
THE MARK CAN BE OMITTED IF THERE IS NOT ENOUGH SPACE ON THIS SURFACE.

2.

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

3.

PLATING SPECIFICATION: AFCI 10135186.

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.

THE HOUSING WILL WITHSTAND EXPOSURE TO 245 °C PEAK TEMPERATURE FOR 10 SECONDS  
IN A WAVE SOLDER APPLICATION.

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.

THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS  
AS DESCRIBED IN AFCI GS-47-0004.

11.

PRODUCT SPECIFICATION: AFCI GS-12-11176.  
APPLICATION SPECIFICATION: AFCI GS-20-0389.  
PRODUCT PACKAGE SPECIFICATION: AFCI GS-14-2354.

AmphenolFCI

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spec ref

-

tolerance std

ISO 406  
ISO 1101

surface

ISO 1302

TOLERANCES UNLESS  
OTHERWISE SPECIFIED

linear

0.X

±0.5

0.XX

±0.25

0.XXX

±0.130

angular

0°

±2°

dr

De-Ming Lu

2016/02/25

eng

De-Ming Lu

2016/08/12

chr

Fancy Zhang

2016/08/12

appr

Pei-Ming Zheng

2016/08/12

AmphenolFCI

title

8HP+12S+3HVP, SOLDER  
R/A RECEPTACLE, PwrBlade ULTRA

cat. no.

-

projection

MM

size

A2

scale

2:1

ecn no

-

product family

PwrBlade ULTRA

rel level

Released

dwg no

10127401-04HI430

rev

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Product - Customer Drw

sheet 3 of 3

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