

Amphenol
FCi

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spec ref	-	dr	Luo Weller	2015/02/05	projection	MM	size	A2	scale	2:1
tolerance std	-	eng	Kaka Zhang	2016/08/12	chr	Fancy Zhang	2016/08/12	ecn no	-	
ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED	appr	Pei-Ming Zheng	2016/08/12	product family	PwrBlade ULTRA	rel level	Released		
surface	linear	0.X	±0.5	Amphenol FCI	title	24S+4HP, SOLDER-TO-BOARD	dwg no	10127401-04H4100	rev	A
ASME Y14.5	angular	0°	±2°		cat. no.	-	Product - Customer Drw	sheet 1 of 3		

PDS: Rev :A

STATUS:Released

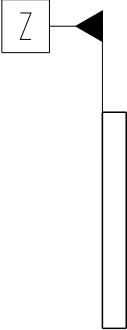
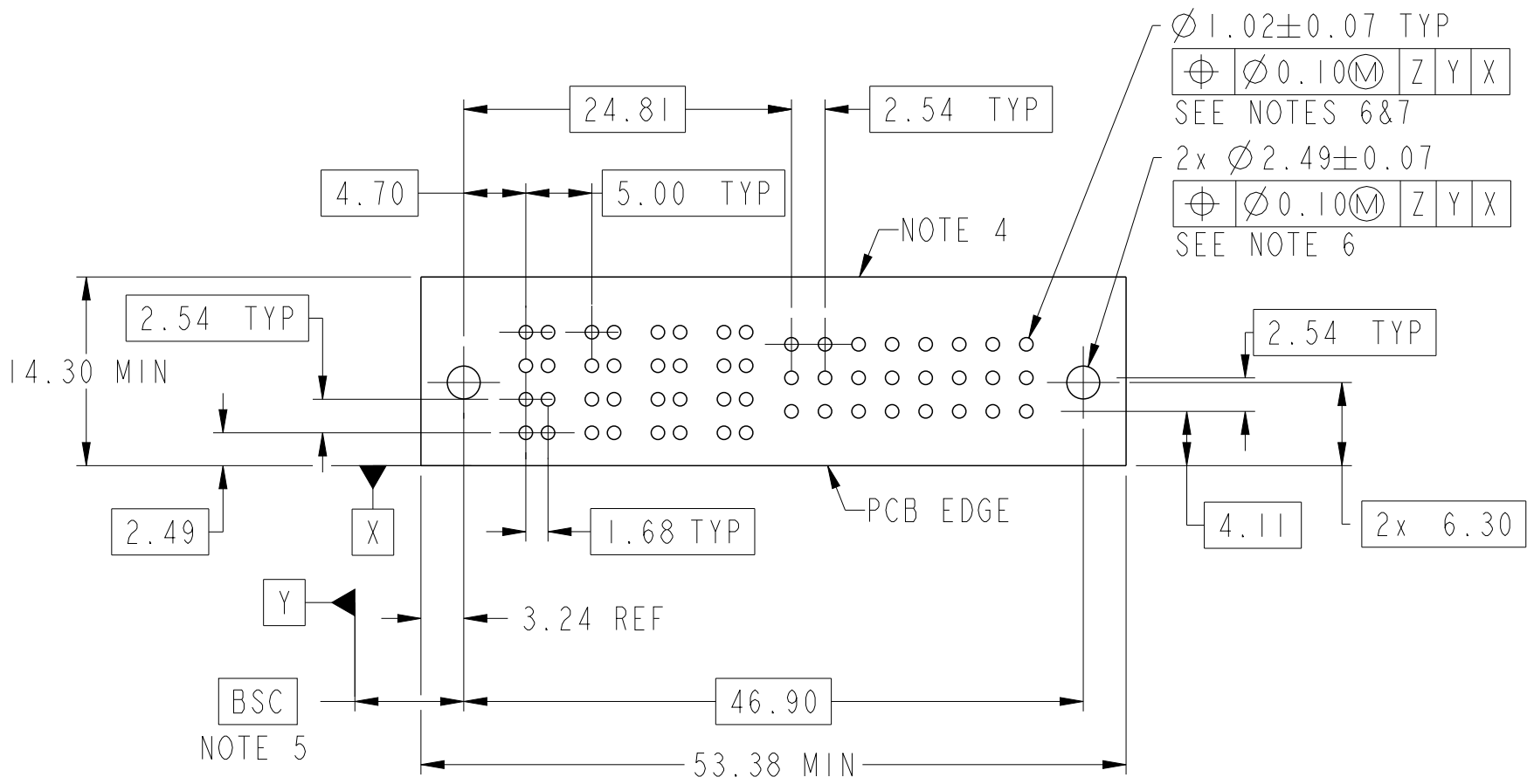
Printed: Aug 12, 2016

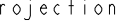
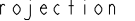
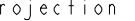
PRODUCT NO.	ROWS	HIGH POWER					SIGNAL								
		E2	P4	P3	P2	P1	8	7	6	5	4	3	2	1	
							G	G	G	G	G	G	G	G	

10127401-04H4100LF

C
B
A

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



spec ref -				dr Luo Weller		2015/02/05		projection				MM		size A2		scale 2:1			
tolerance std -				eng Kaka Zhang		2016/08/12						ecn no -		rel level Released					
TOLERANCES UNLESS OTHERWISE SPECIFIED				chr Fancy Zhang		2016/08/12													
ASME Y14.5				appr Pei-Ming Zheng		2016/08/12													
								product family PwrBlade ULTRA											
surface -				linear		0.X ±0.5		Amphenol FCI		title 24S+4HP, SOLDER-TO-BOARD		dwg no 10127401-04H4100		rev A					
				0.XX ±0.25															
				0.XXX ±0.130															
ASME Y14.5				angular 0° ±2°				cat. no. -		Product - Customer Drw				sheet 2 of 3					




PRODUCT NUMBER
10127401-04H4100LF

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 ± 0.025 mm DRILLED HOLE PLATED WITH $7.62 \mu\text{m}$ MIN Sn OVER
 $25.4 \mu\text{m}$ - $76.2 \mu\text{m}$ Cu PLATING TO ACHIEVE A 1.02 ± 0.07 mm FINISHED HOLE.
8. THE HOUSING WILL WITHSTAND EXPOSURE TO 265 °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-12-1176.
APPLICATION SPECIFICATION: AFCI GS-20-0389.
PRODUCT PACKAGE SPECIFICATION: AFCI GS-14-2354.

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		appr	Pei-Ming Zheng	2016/08/12								
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				0.XX	±0.25							
				0.XXX	±0.130							
ASME Y14.5		angular	0°	±2°			cat. no.		-	Product- Customer Drw		sheet 3 of 3