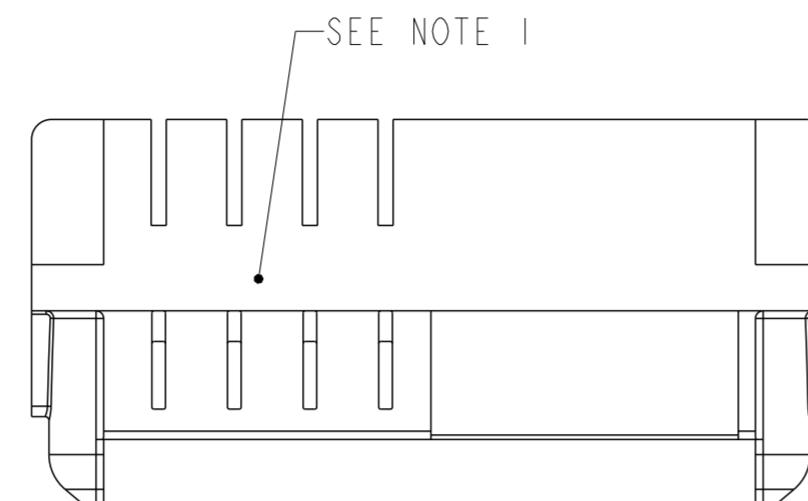
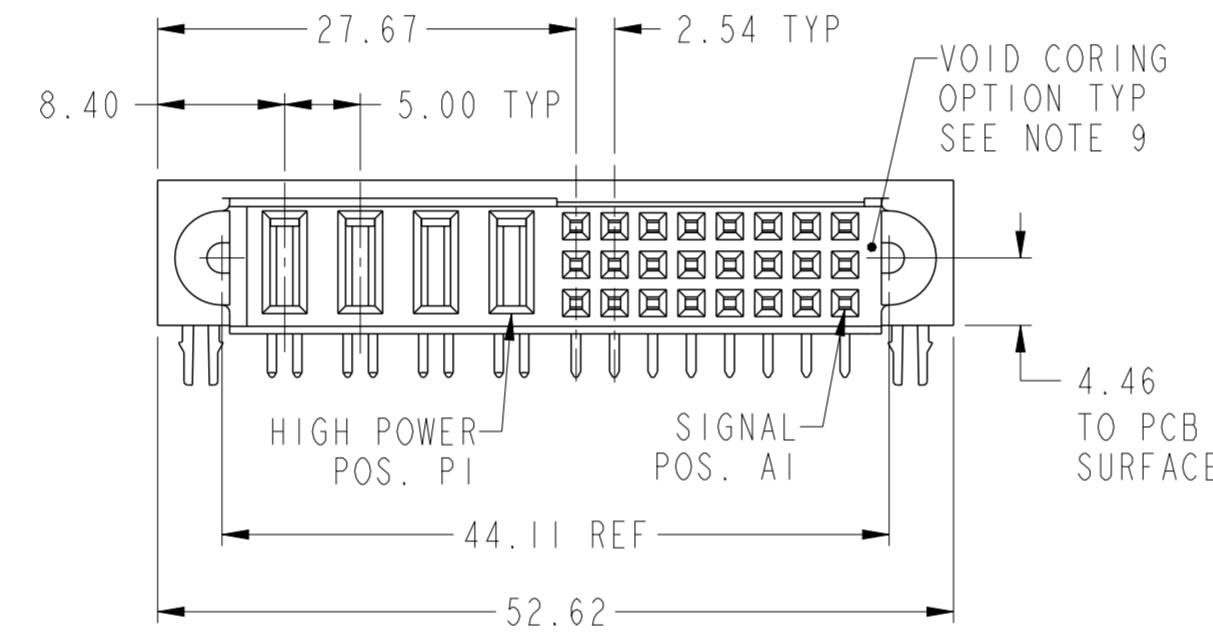


PRODUCT NUMBER
10127401-04H4100LF

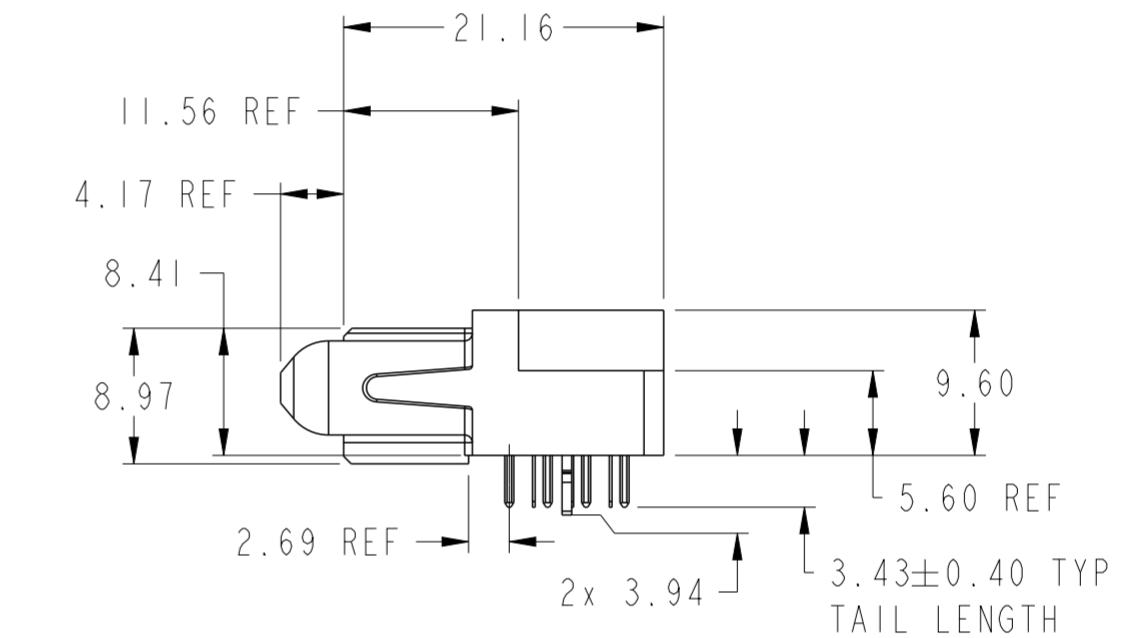
A



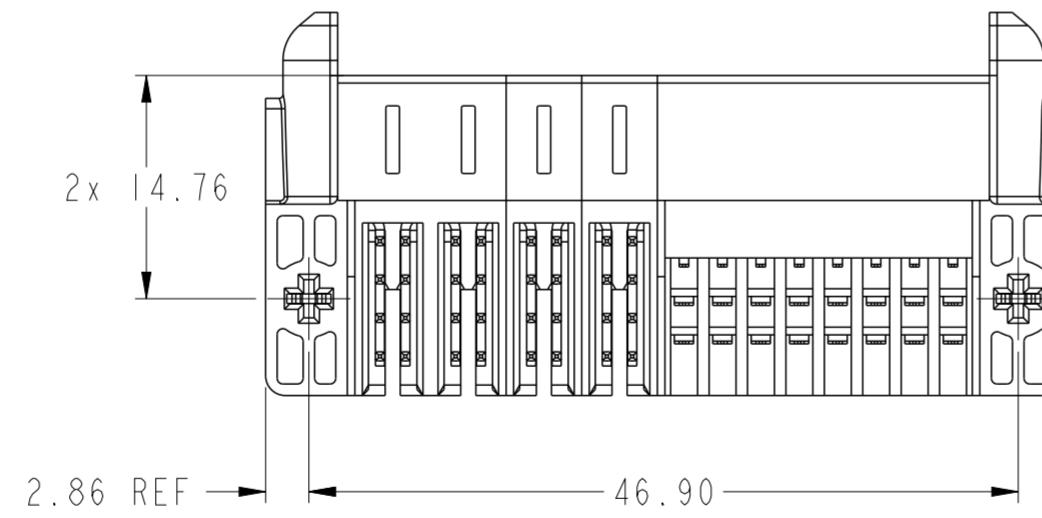
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C



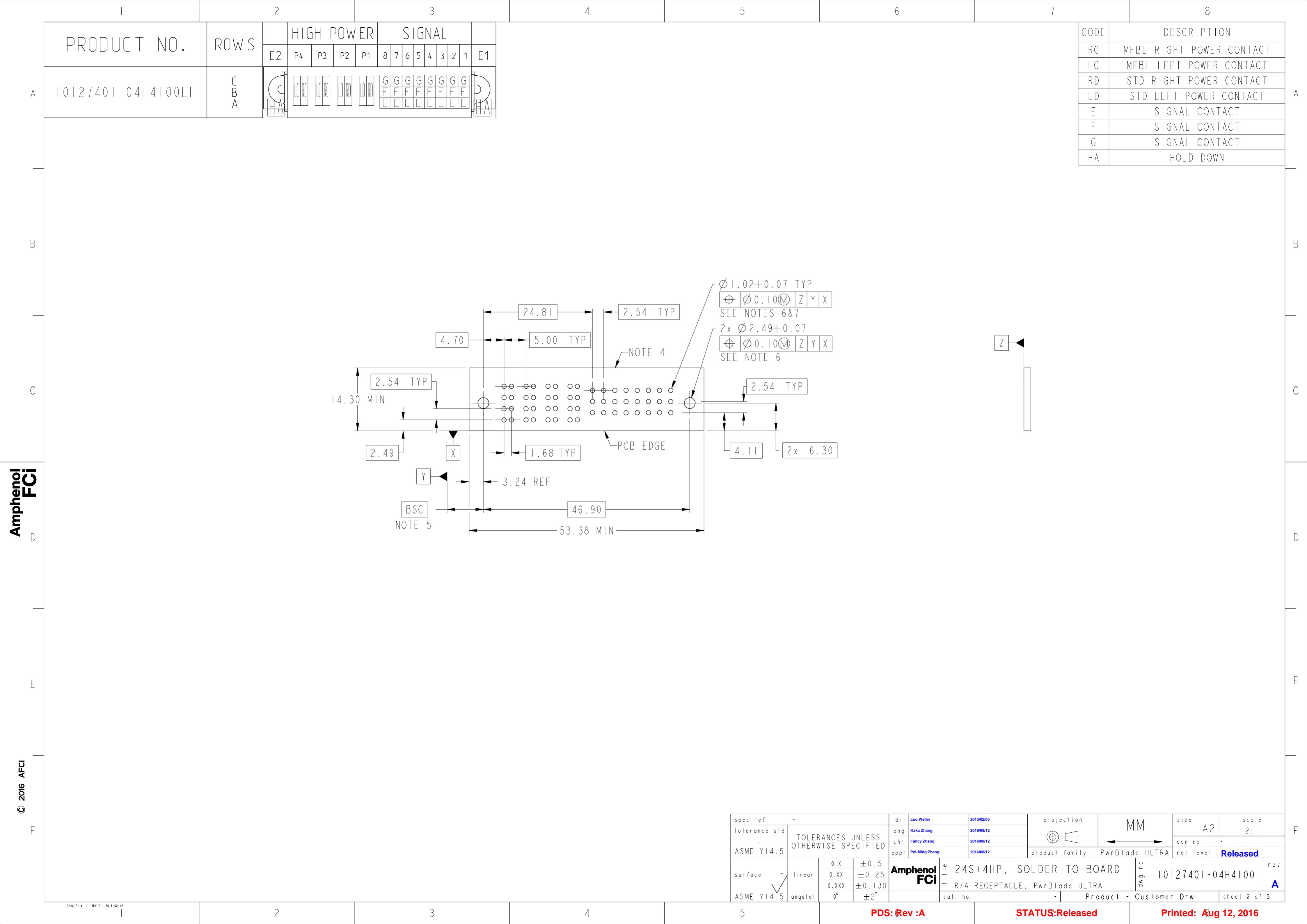
D



E

spec ref	-	dr	Luo Weller	2015/02/05	projection	MM	size	A2	scale
tolerance std	-	eng	Kaka Zhang	2016/08/12					
-	TOLERANCES UNLESS	chr	Fancy Zhang	2016/08/12					
ASME Y14.5	OTHERWISE SPECIFIED	oppn	Pei-Ming Zheng	2016/08/12	product family	PwrBlade	ULTRA	rel level	Released
surface	-	linear	0.X	±0.5					
			0.XX	±0.25					
			0.XXX	±0.130					
ASME Y14.5	angular		0°	±2°	cat. no.	-	Product	- Customer Drw	sheet 1 of 3

Amphenol
FCi 24S+4HP, SOLDER-TO-BOARD
R/A RECEPTACLE, PwrBlade ULTRA
10127401-04H4100 rev A



PRODUCT NUMBER
10127401-04H4100LF

A

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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Amphenol
FCi

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spec ref	-	dr	Luo Weller	2015/02/05	projection	MM	size	A2	scale
tolerance std	-	eng	Kaka Zhang	2016/08/12	product family	PwrBlade	ULTRA	rel level	Released
-	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	Fancy Zhang	2016/08/12					
ASME Y14.5		oppn	Pei-Ming Zheng	2016/08/12					
surface	linear	0.X	± 0.5						
		0.XX	± 0.25						
		0.XXX	± 0.130						
ASME Y14.5	angular	0°	$\pm 2^\circ$						
				cat. no.	-	Product	-	Customer Drw	sheet 3 of 3
				drwg no	10127401-04H4100				rev A

Amphenol FCi	24S+4HP, SOLDER-TO-BOARD R/A RECEPTACLE, PwrBlade ULTRA	10127401-04H4100	rev A