



PRODUCT NO.	ROWS	HIGH POWER				CODE	DESCRIPTION
		E2	P2	P1	E1		
		SL	SL		SL		
10127403-00H1000LF	C B A						

PRODUCT NO.

ROW

HIGH POWER			
E2	P2	P1	E1
			

CODE	DESCRIPTION
SL	POWER CONTACT
HD	HOLD DOWN

10127403-00H1000L

10 of 10

1

FCI

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Technical drawing of a mechanical part with the following dimensions and notes:

- Top horizontal dimension: 5.00
- Second horizontal dimension: 5.34
- Vertical dimension from bottom to top hole row: 2.00 TYP
- Vertical dimension from top hole row to top: 12.52 MIN
- Vertical dimension from bottom to bottom hole row: 3.29
- Vertical dimension from bottom hole row to top hole row: 1.68 TYP
- Vertical dimension from top hole row to top: 6.93 REF
- Bottom horizontal dimension: 17.35
- Bottom horizontal dimension: 22.56 MIN
- Left side note: BSC NOTE 5
- Right side note: BSC NOTE 5
- Top right note: $\phi 1.02 \pm 0.07$ TYP
 $\oplus \phi 0.10$ M Z Y X
SEE NOTES 6&7
- Middle right note: 2x $\phi 2.49 \pm 0.07$
 $\oplus \phi 0.10$ M Z Y X
SEE NOTE 6
- Left side note: Y
- Right side note: Z

spec ref	-	dr	Daniel Xiao	2014/09/30			size	A2	scale			
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED ASME Y14.5	eng	Kaka Zhang	2016/06/16			ecn no	-				
-		chr	Fancy Zhang	2016/06/16			rel level	Released				
		appr	Pei-Ming Zheng	2016/06/16			product family	PwrBlade ULTRA	rev			
surface	linear	0.X	±0.5		2HP, SOLDER-TO-BOARD			 10127403-00H1000	A			
		0.XX	±0.25		VERT RECEPTACLE, PwrBlade ULTRA							
		0.XXX	±0.130									
ASME Y14.5	angular	0°	±2°		cat. no.	-	Product - Customer Drw		sheet 2 of 3			

PRODUCT NUMBER
10127403-00H1000LF

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, UL94V-0.
 - POWER CONTACTS: COPPER ALLOY.
 - SIGNAL CONTACTS: COPPER ALLOY.
 - HOLD DOWN: COPPER ALLOY.
3. PLATING SPECIFICATION: FCI 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. 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 OPTIONAL AND THE SHAPE MAY BE DIFFERENT TO OPTIMIZE THE MOLDING PROCESS. THE VOID CORING WILL NOT EFFECT THE PRODUCT FUNCTION.

Amphenol FCI

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spec ref	-	dr	Daniel Xiao	2014/09/30	 	size	scale	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED ASME Y14.5	eng	Kaka Zhang	2016/06/16		ecn no	2:1	
-		chr	Fancy Zhang	2016/06/16		-	-	
		appr	Pei-Ming Zheng	2016/06/16		rel level	Released	
surface	linear	0.X	±0.5	 2HP, SOLDER-TO-BOARD VERT RECEPTACLE, PwrBlade ULTRA		dwg no 10127403-00H1000	rev A	
		0.XX	±0.25					
		0.XXX	±0.130					
ASME Y14.5	angular	0°	±2°	cat. no.	-	Product - Customer Drw	sheet 3 of 3	