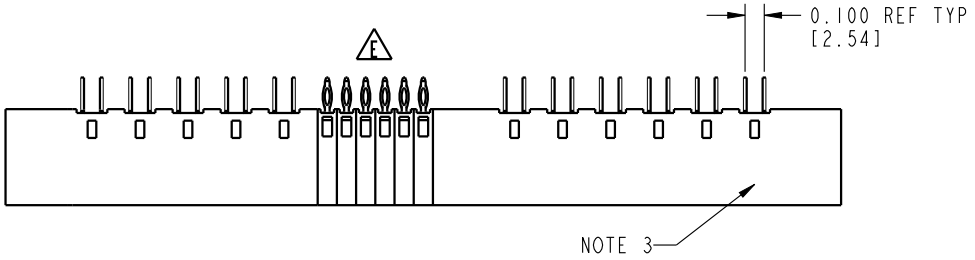
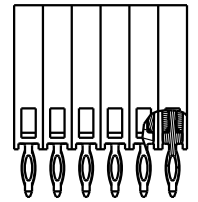
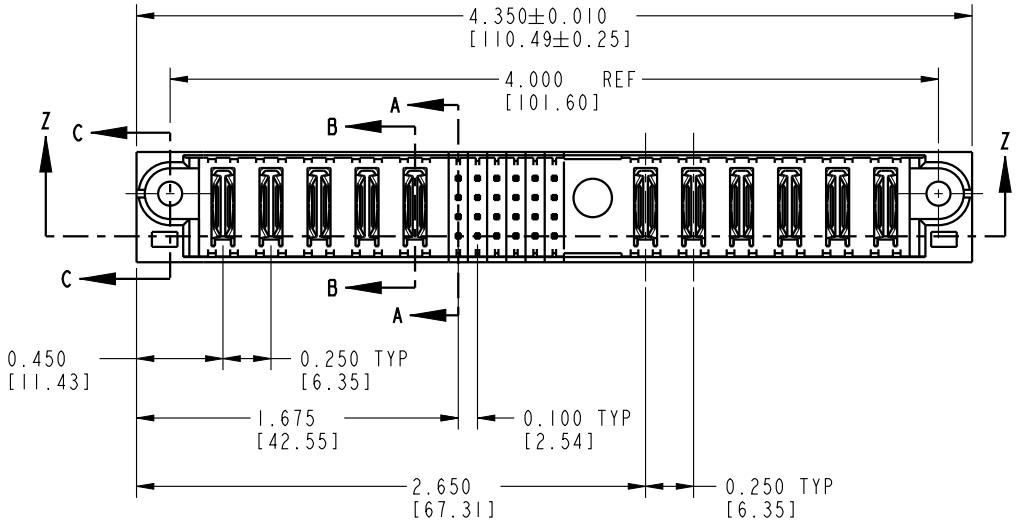
PRODUCT No.	ROWS	POWER					SIGNAL							POWER						
		E1	P1	P2	P3	P4	P5	1	2	3	4	5	6	M1	P6	P7	P8	P9	P10	P11	E2
51860-002__ NOTE: 3	D C B A		PC	PC	PC	PC	PC	G	G	G	G	G	G		PC	PC	PC	PC	PC	PC	
								G	G	G	G	G	G								
								G	G	G	G	G	G								
								G	G	G	G	G	K								

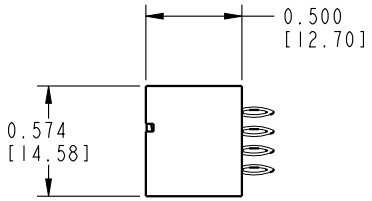
CODE	DIM "M" ±.010 [0.25]	CONTACT TYPE
G	[6.86]	SIGNAL
K	[5.59]	SIGNAL
PC	[N/A] [N/A]	POWER





E SECTION Z-Z
SCALE 3:2





spec ref	*		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		
ISO 406 ISO 1101			
surface	linear	0.X	±0.5
		0.XX	±0.25
		0.XXX	±0.100
ISO 1302	angular	0°	±2°

dr	Jerome Chen	2008/01/24
eng	Huo-Rong Dai	2021/04/12
rvwr	-	-
appr	Zheng, Pei-Min	2021/04/16

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INCH/MM | scale 1:1 | size A4

ecn no ELX-DG-39632-1

rel level Released

projection

title: 5P + 24S + 1M + 6P
VERTICAL PRESS-FIT HEADER

dwg no 51860-002

cat. no.

rev E

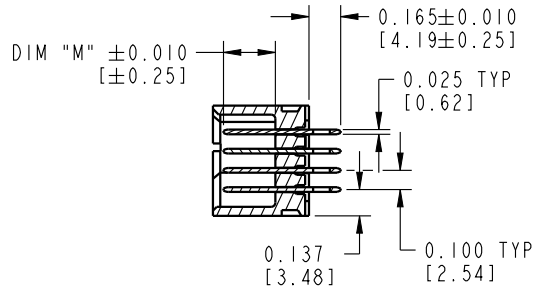
product family PwrBlade | Product - Customer Drw | sheet 1 of 3

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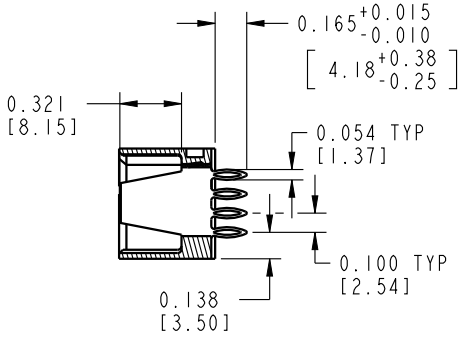
Amphenol Power Solutions

Creo File:APH-PWR-A4C,REV A,2020-07-13

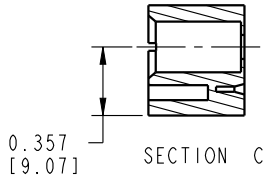
PDS: Rev :E STATUS:Released Printed: Apr 19, 2021



SECTION A-A



SECTION B-B



SECTION C-C

CONNECTOR NOTES:

1. HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH TEMP THERMOPLASTIC
   POWER CONTACT MATERIAL: COPPER ALLOY
   SIGNAL CONTACT MATERIAL: COPPER ALLOY

2. PLATING:
   SEE PRINT 10064183 FOR PLATING SPEC OF 51860-002; 51860-002LF

3. "MANUFACTURER'S" NAME, P/N, AND DATE CODE TO APPEAR ON
   THIS SURFACE

4. PRODUCT SPECIFICATION GS-12-149

PCB NOTES:

5. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.

6. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF 0.004 [0.10]

7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE

8. ∅0.098[2.41] THROUGH HOLES ARE UNPLATED.

9. ∅0.0453±0.0010 [1.151±0.025] DRILLED HOLES PLATED WITH
   0.0003 [0.008] MIN SnPb OVER 0.001 [0.03] TO 0.003 [0.08] Cu
   PLATING TO ACHIEVE A ∅0.040±0.003 [1.02±0.07] HOLE.

10. FOR PRESS FIT APPLICATION USE FCI CAM TOOL 430169-XXX.

11. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994
    UNLESS OTHERWISE SPECIFIED.

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

spec ref	*			dr	Jerome Chen	2008/01/24	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Huo-Rong Dai	2021/04/12	
ISO 406 ISO 1101				rvwr	-	-	
				appr	Zheng, Pei-Min	2021/04/16	
surface	linear	0.X	±0.5	projection	title	5P + 24S + 1M + 6P VERTICAL PRESS-FIT HEADER	
		0.XX	±0.25				
ISO 1302		0.XXX	±0.100				
	angular	0°	±2°		product family	PwrBlade	

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INCH/MM | scale 1:1 | size A4
ecn no ELX-DG-39632-1
rel level Released

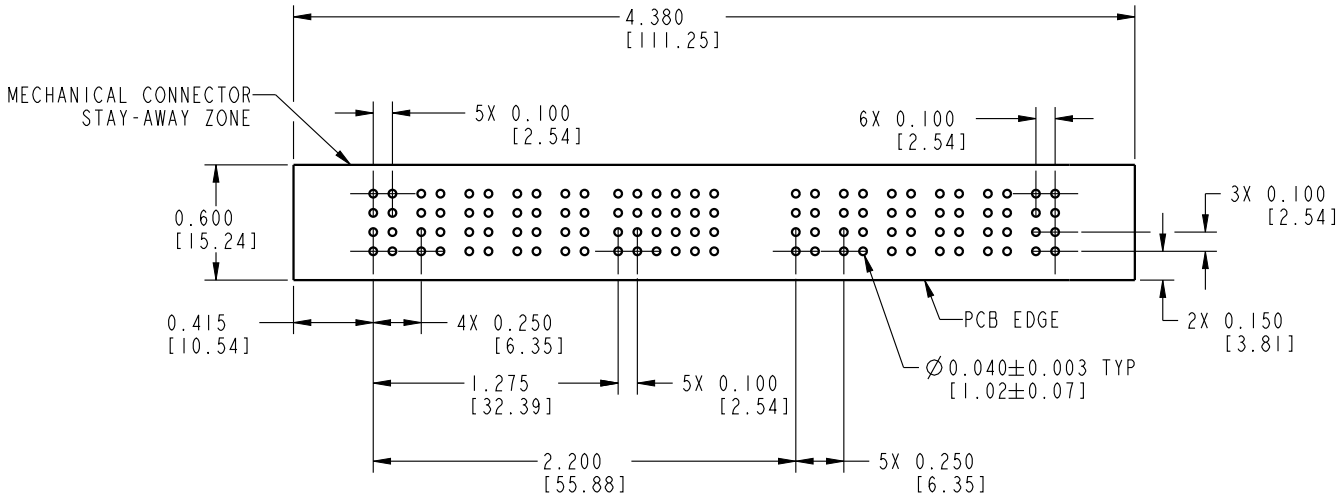
dwg no 51860-002 | rev E
cat. no. *

Product - Customer Drw | sheet 2 of 3

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PDS: Rev :E STATUS:Released Printed: Apr 19, 2021



RECOMMENDED PCB LAYOUT

spec ref	*			dr	Jerome Chen	2008/01/24	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Huo-Rong Dai	2021/04/12	
ISO 406 ISO 1101				rvwr	-	-	
				appr	Zheng, Pei-Min	2021/04/16	
surface	linear	0.X	±0.5	projection	title	5P + 24S + IM + 6P	
ISO 1302		0.XX	±0.25			VERTICAL PRESS-FIT HEADER	
		0.XXX	±0.100				
	angular	0°	±2°		product family	PwrBlade	Product - Customer Drw

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INCH/MM | scale 1:1 | size A4
ecn no ELX-DG-39632-1
rel level Released
dwg no 51860-002 | rev E
cat. no.
sheet 3 of 3

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Creo File:APH-PWR-A4C,REV A,2020-07-13