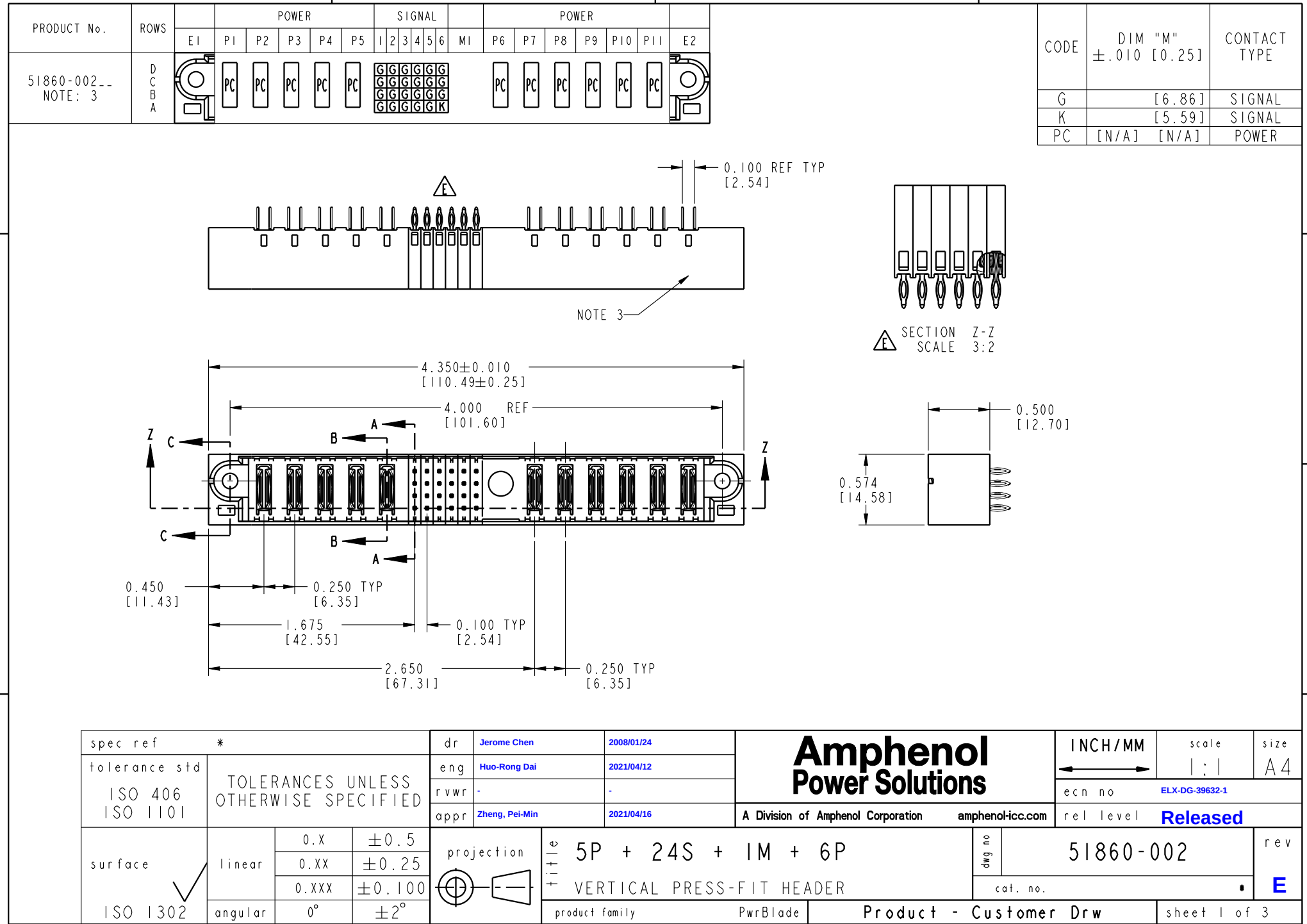
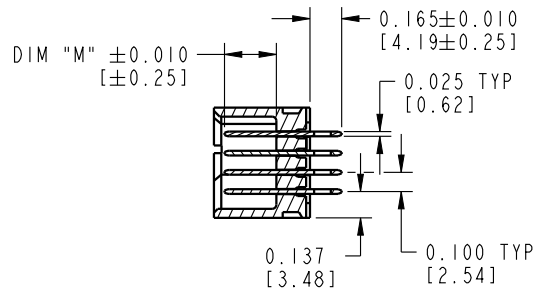
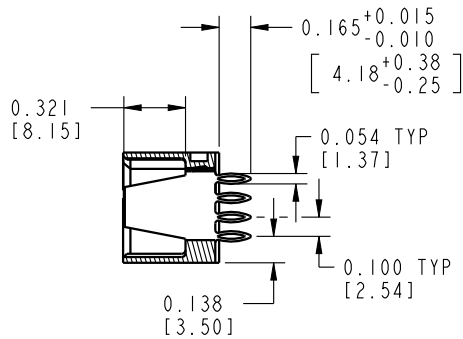




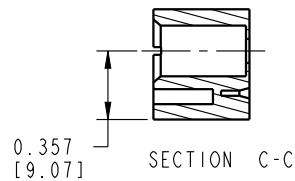
Creo File: APH-PWR-ACC; REV A; 2020-07-13



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. $\varnothing 0.098$ [2.41] THROUGH HOLES ARE UNPLATED.

9. $\varnothing 0.0453 \pm 0.0010$ [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 $\varnothing 0.040 \pm 0.003$ [1.02 ± 0.07] HOLE.

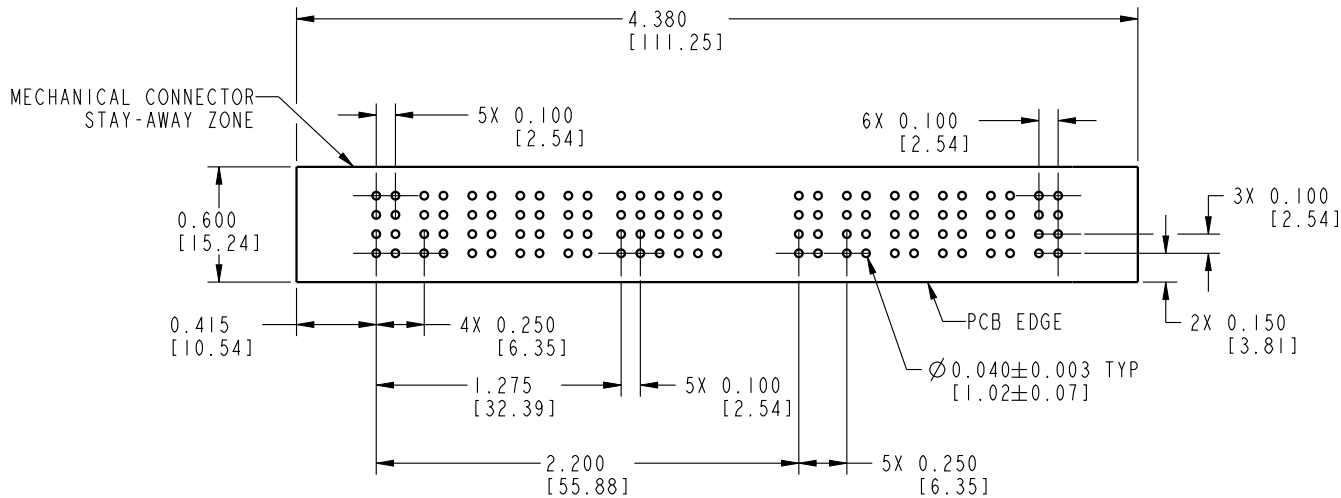
10. FOR PRESS FIT APPLICATION USE FCI CAM TOOL 430169-XXX.

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

12. A Δ 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		Amphenol Power Solutions		INCH/MM		scale		size							
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Huo-Rong Dai		2021/04/12				ec n no		ELX-DG-39632-1		1:1		A4					
ISO 406 ISO 1101				r vwr		-		-															
				appr		Zheng, Pei-Min		2021/04/16		A Division of Amphenol Corporation		amphenol-icc.com		rel level		Released							
surface ISO 1302		linear		0.X		±0.5		projection		title		5P + 24S + 1M + 6P		dwg no		51860-002		rev					

Crea File:APH-PWR-AAC;REV A;2020-07-13



RECOMMENDED PCB LAYOUT

spec ref		*		dr		Jerome Chen		2008/01/24		Amphenol Power Solutions		INCH/MM		scale		size			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Huo-Rong Dai		2021/04/12				↔		1:1		A4			
ISO 406 ISO 1101				rvwr		-		-				ecn no		ELX-DG-39632-1					
				appr		Zheng, Pei-Min		2021/04/16		A Division of Amphenol Corporation		amphenol-icc.com		rel level		Released			
surface		linear		0.X		±0.5		projection		title		5P + 24S + 1M + 6P		dwg no		51860-002		rev	
				0.XX		±0.25													
ISO 1302				0.XXX		±0.100								cat. no.		#		E	
		angular		0°		±2°													

Creo File:APH-PWR-ACC;REV A;2020-07-13