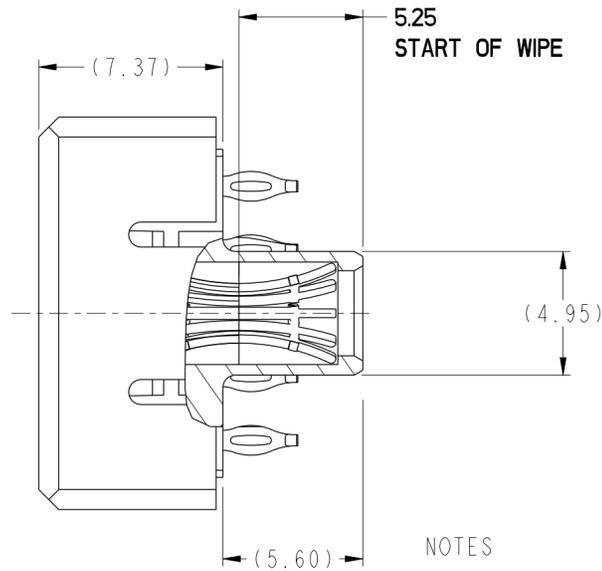
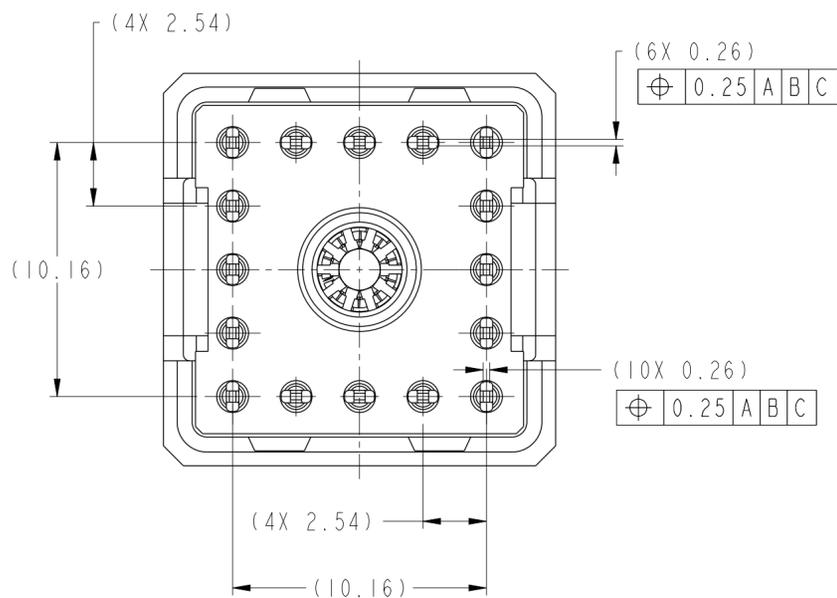
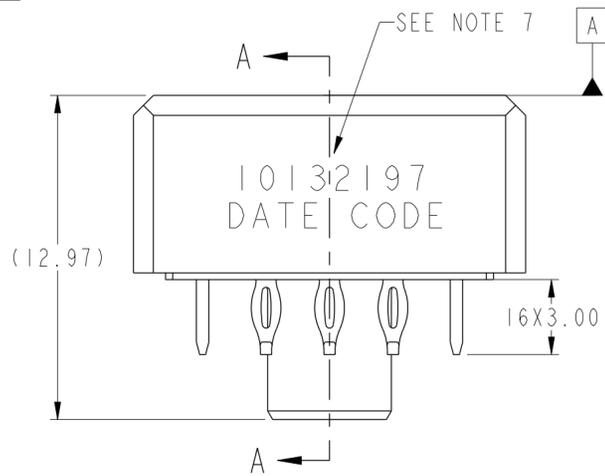
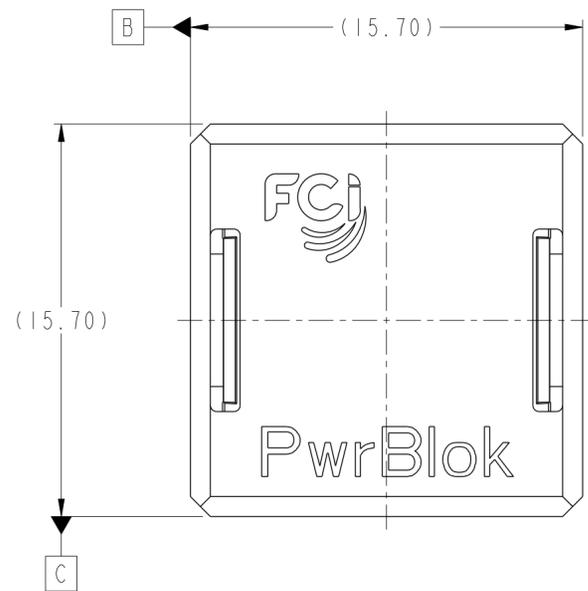


PART NUMBER  
10132197-001LF



SECTION A-A

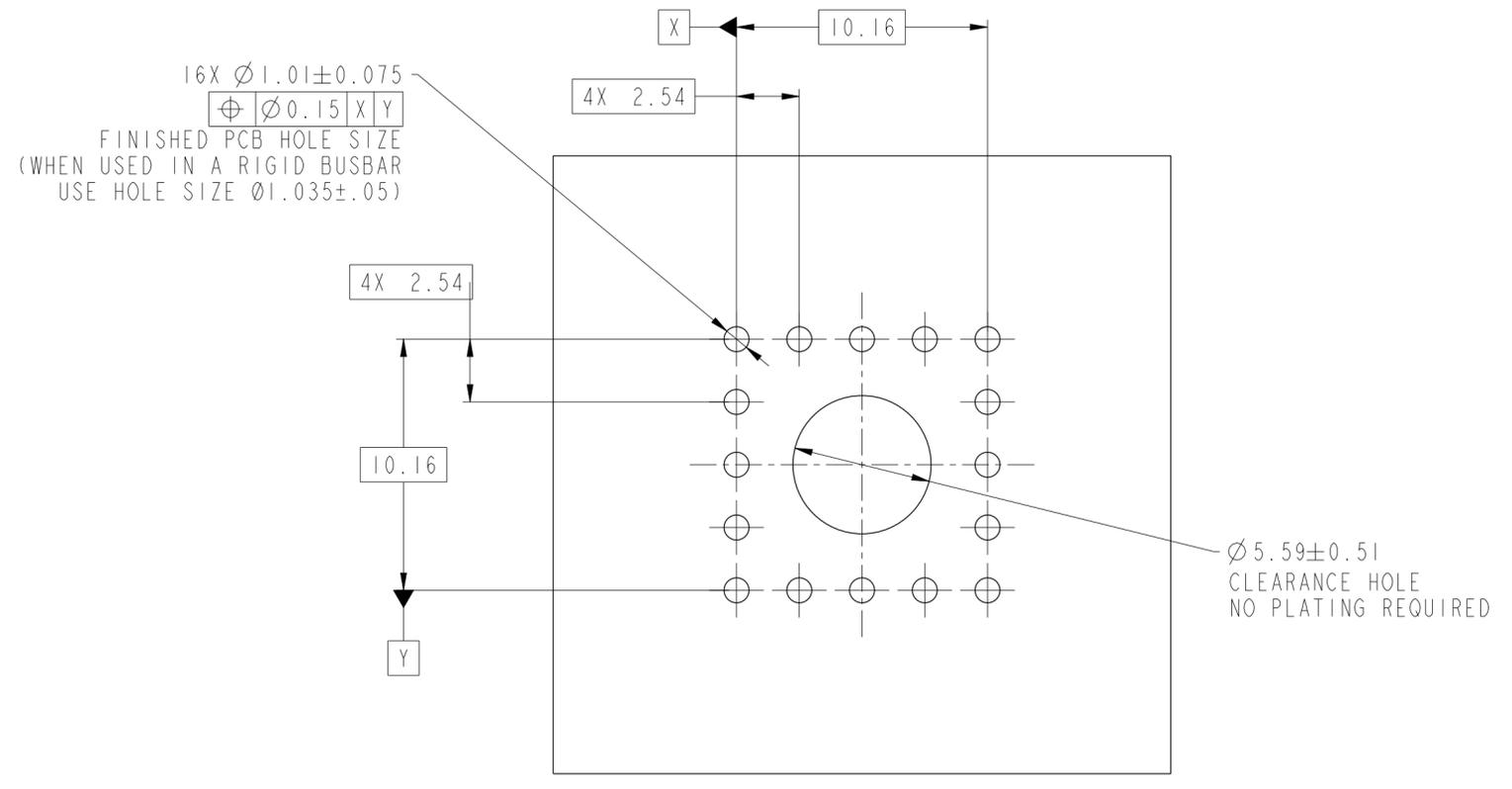
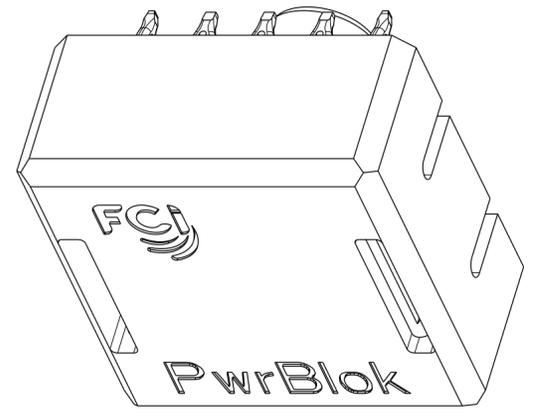
NOTES

- MATERIAL:  
BAND CONTACT: CU ALLOY  
EON CONTACT: CU ALLOY  
BODY: ZN ALLOY  
COVER: THERMOPLASTIC, UL 94V-0
- PLATING:  
BAND CONTACT: 2.54µm AG OVER 1.27µm NI  
EON CONTACT: 2.54µm SN OVER 1.27µm NI  
BODY: 2.54µm AG OVER 1.27µm NI
- INSTALLATION: FLAT ROCK TOOLING PER APPLICATION SPEC GS-20-0424.
- PERFORMANCE: PER PRODUCT SPEC GS-12-1260.
- MATES WITH 3MM PIN PER APPLICATION SPECIFICATION #: GS-20-0424  
PIN TO BE COPPER ALLOY OR EQUIVALENT.  
Ø3.0±0.03mm AFTER PLATING  
  
MINIMUM SUGGESTED PIN LENGTH, NOT INCLUDING LEAD-IN CHAMFER/RADIUS: 7.00MM  
(PROVIDES 1.00MM OF RELIABLE CONTACT WIPE)  
  
MAXIMUM PIN LENGTH, INCLUDING LEAD-IN CHAMFER/RADIUS: 12.00MM  
(TO AVOID DAMAGE TO THE CONNECTOR COVER)  
  
PLATING THICKNESS TO BE 2.54µm MATTE SILVER.  
SURFACE ROUGHNESS OF ENGAGED PIN AREA MUST BE 0.8µm OR BETTER;  
OTHER SURFACES TO BE 1.6µm OR BETTER. PIN SHALL HAVE A SPHERICAL TIP  
WITH SMOOTH BLEND TO FULL DIAMETER-- NO SHARP TRANSITION PERMITTED.
- MIN PCB THICKNESS= 1.5mm
- PRINTING INFORMATION:  
DATE CODE: YEARWEEK (FOR EXAMPLE: 201522)
- THE PRODUCT MEET EUROPEAN UNION DIRECTIONS AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008
- THIS PRODUCT CAN NOT BE MATED WITH 3MM LONG VERSION PLUG(FCI P/N: 10136378-001LF).

spec ref	-	dr	N Eppley	2014/1/14	projection	mm	size	A2	scale	5:1											
tolerance std	ASME Y14.5M	eng	Li-Qing Lei	2018/02/23			ecn no	ELX-N-29054-1													
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	appr			Tim Yao	2018/03/06	product family	3mm Recep w/ Misalignment	rel level	Released									
surface	<table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±0.30</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±0.20</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±0.10</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±2°</td> </tr> </table>	linear	0.X	±0.30		0.XX	±0.20		0.XXX	±0.10	angular	0°	±2°			PwrBlok Bottom Entry		cat. no.	Product - Customer Drw	sheet 1 of 2	rev B
linear	0.X	±0.30																			
	0.XX	±0.20																			
	0.XXX	±0.10																			
angular	0°	±2°																			

Amphenol FCI

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RECOMMENDED PCB BOARD LAYOUT

Amphenol  
FCi

spec ref	-	dr	N Eppley	2014/1/14	projection	mm	size	A2	scale	3:1										
tolerance std	ASME Y14.5M	eng	Li-Qing Lei	2018/02/23			ecn no	ELX-N-29054-1												
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-				rel level	Released												
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angular	0°	±2°																		
ASME Y14.5M		www.fci.com	cat. no.	-	Product - Customer Drw	sheet 2 of 2	title	3mm Recep w/ Misalignment		rev	B									
							div no	10132197												