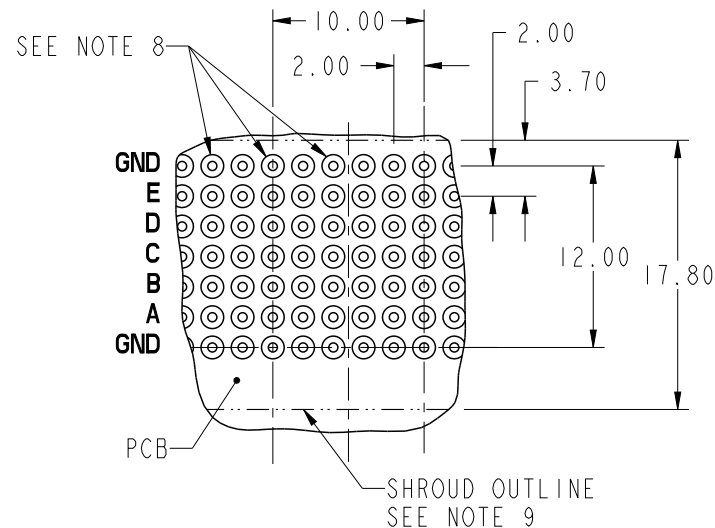
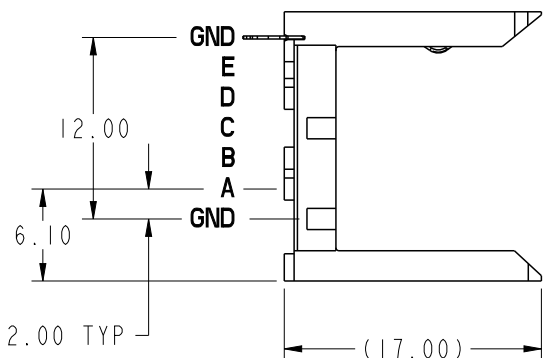
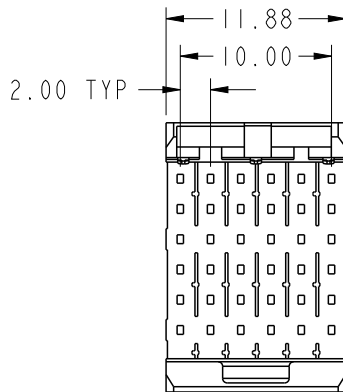
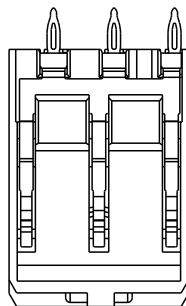


PRODUCT NUMBER
55831-X01(L)LF

L REFER LUBRICATED (OPTIONAL) △
SEE NOTE 6

'X' REFER PLATING PERFORMANCE △
SEE NOTE 6



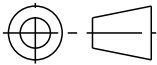

SHOWN FROM HEADER SIDE
OF CIRCUIT BOARD
FOR PTH DETAILS REFER DRAWING 58351.

spec ref		dr P-Mathew Nebu 2011/05/20		projection 	MM 	size A4	scale 2:1
tolerance std ISO 406 ISO 1101		eng Kartha, Aravin 2021/09/23				ecn no ELX-I-42425-1	
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr -				rel level Released	
surface 3.2 ISO 1302		linear	0.X ±0.3 0.XX ±0.13 0.XXX ±0.050	product family METRAL 1000		rev	
		angular	0° ±2°	amphenol-icc.com		55831	
				cat. no. -		Product - Customer Drw	
						sheet 1 of 2	

Creo F119:ELX-MC:AC,REV F,2020-12-21

NOTES:

1. SEE APPLICATION SPECIFICATION GS-20-010 FOR INFORMATION ON AVAILABLE TOOLING, CIRCUIT BOARD DESIGN CONSIDERATIONS, REPAIR PROCEDURES AND PRODUCT OFFERINGS.
2. SEE FCI PUBLICATION 950511-028 FOR "ELECTRICAL PERFORMANCE DATA FOR DIFFERENTIAL APPLICATIONS."
3. SEE FCI PUBLICATION 950511-029 FOR "ELECTRICAL PERFORMANCE DATA FOR SINGLE-ENDED APPLICATION."
4. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5, 1994
5. HOUSING MATERIAL: LIQUID CRYSTAL POLYMER, FILLED WITH PTFE (TEFLON), FLAME RETARDANT PER UL 94-V0.
GROUND SPRING MATERIAL: PHOSPHER BRONZE
6. FOR PLATING PERFORMANCE REFER DDRAWING # 10159408.
7. THE MIN PCB THICKNESS FOR REAR PLUG-UP APPLICATIONS IS 2.9mm
SINCE THE COMPLIANT SECTIONS OF THE GROUND SPRING OF THE HEADER DIRECTLY OPPOSE THE GROUND SPRING OF THE SHROUD.
8. THESE HOLES ARE NEEDED FOR REAR PLUG-UP DESIGNS USING A SHROUD.
ALL OTHER HOLES ARE FOR THE HEADER.
9. THE 'SHROUD OUTLINE' IS THE MIN OUTLINE REQUIRED. TO DETERMINE THE OUTLINE NECESSARY TO PERMIT THE VARIOUS TYPES OF REPAIR OPERATIONS, SEE APPLICATION SPECIFICATION GS-20-010.
10. PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
11. ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 245°C FOR 40 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
12. A Δ SYMBOL WILL NE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

spec ref		dr		P-Mathew Nebu		2011/05/20		projection		MM		size		A4		scale			
tolerance std		eng		Karthi, Aravin		2021/09/23						ecn no		ELX-I-42425-1					
ISO 406 ISO 1101		chr		-		-						rel level		Released					
surface		appr		Kuriakose, San		2021/09/23		product family				rel level		Released					
linear <input checked="" type="checkbox"/>		0.X		±0.3		Amphenol FCI		title VERTICAL SIGNAL HDR SHROUD 5 ROW P.F. 30 POS. STANDARD		dwg no 55831		rev H							
		0.XX		±0.13															
		0.XXX		±0.050															
ISO 1302		angular		0°		±2°		amphenol-icc.com		cat. no.		Product - Customer Drw		sheet 2 of 2					