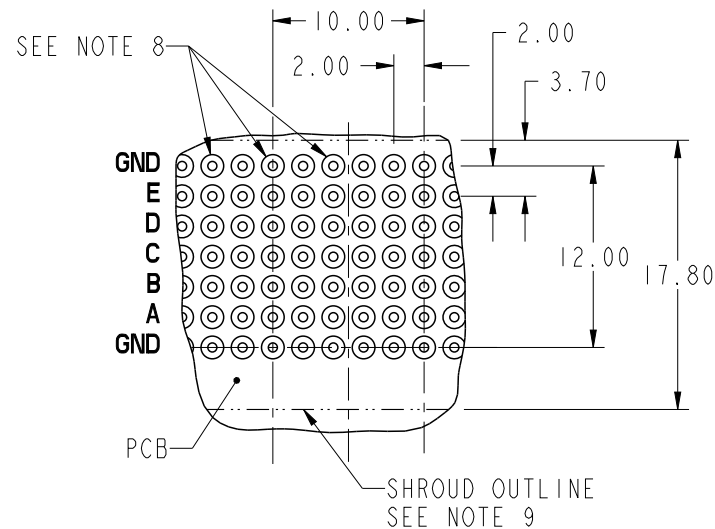
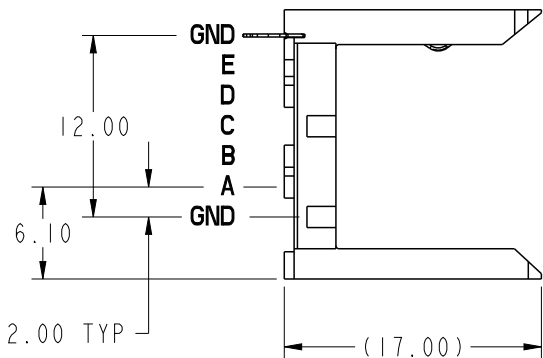
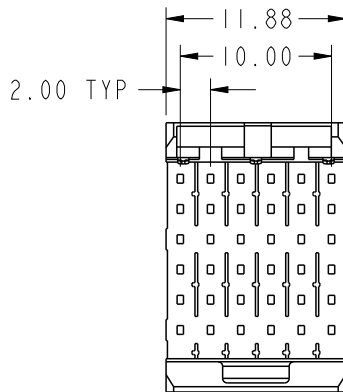
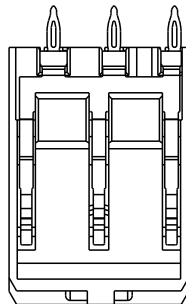


PRODUCT NUMBER
55831-X01(L)LF

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	2:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Kartha, Aravin	2021/09/23			ecn no	ELX-I-42425-1			
		chr	-	-				rel level	Released		
ISO 406	surface	appr	Kuriakose, San	2021/09/23	product family						
ISO 1101		linear	Amphenol FCI		title		VERTICAL SIGNAL HDR SHROUD		dwg no	55831	rev
	0.XX	±0.13									
	0.XXX	±0.050	amphenol-icc.com		cat. no.		Product - Customer Drw		sheet 2 of 2		
ISO 1302	angular	0°	±2°								