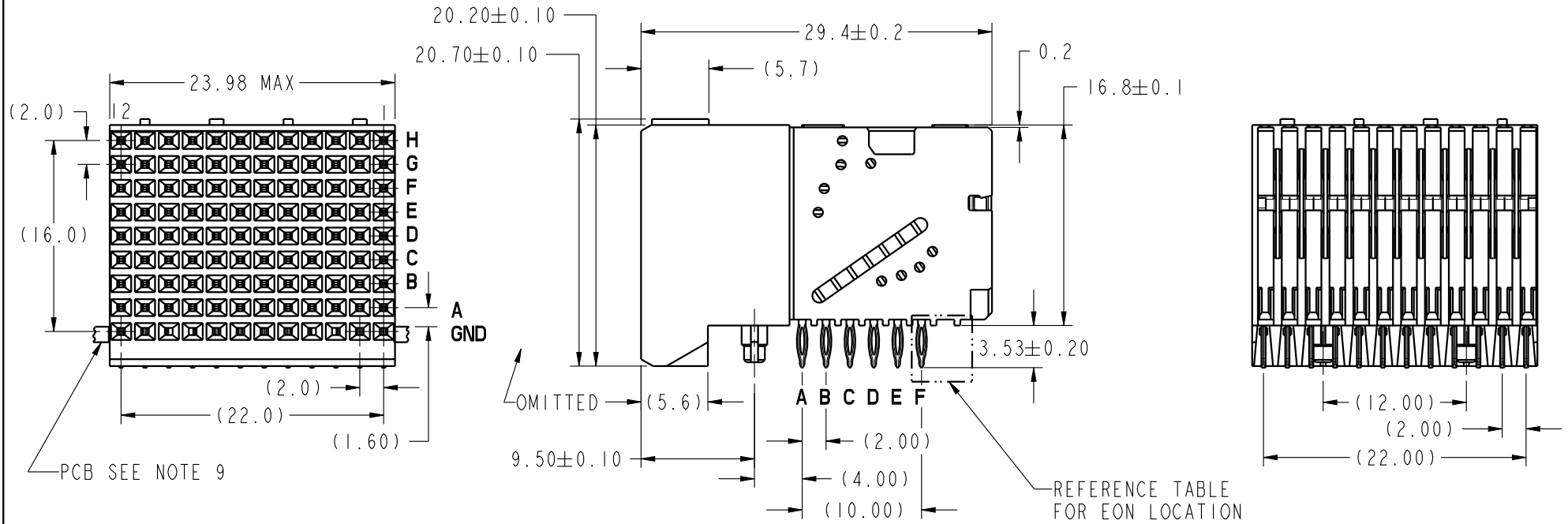


PRODUCT NUMBER

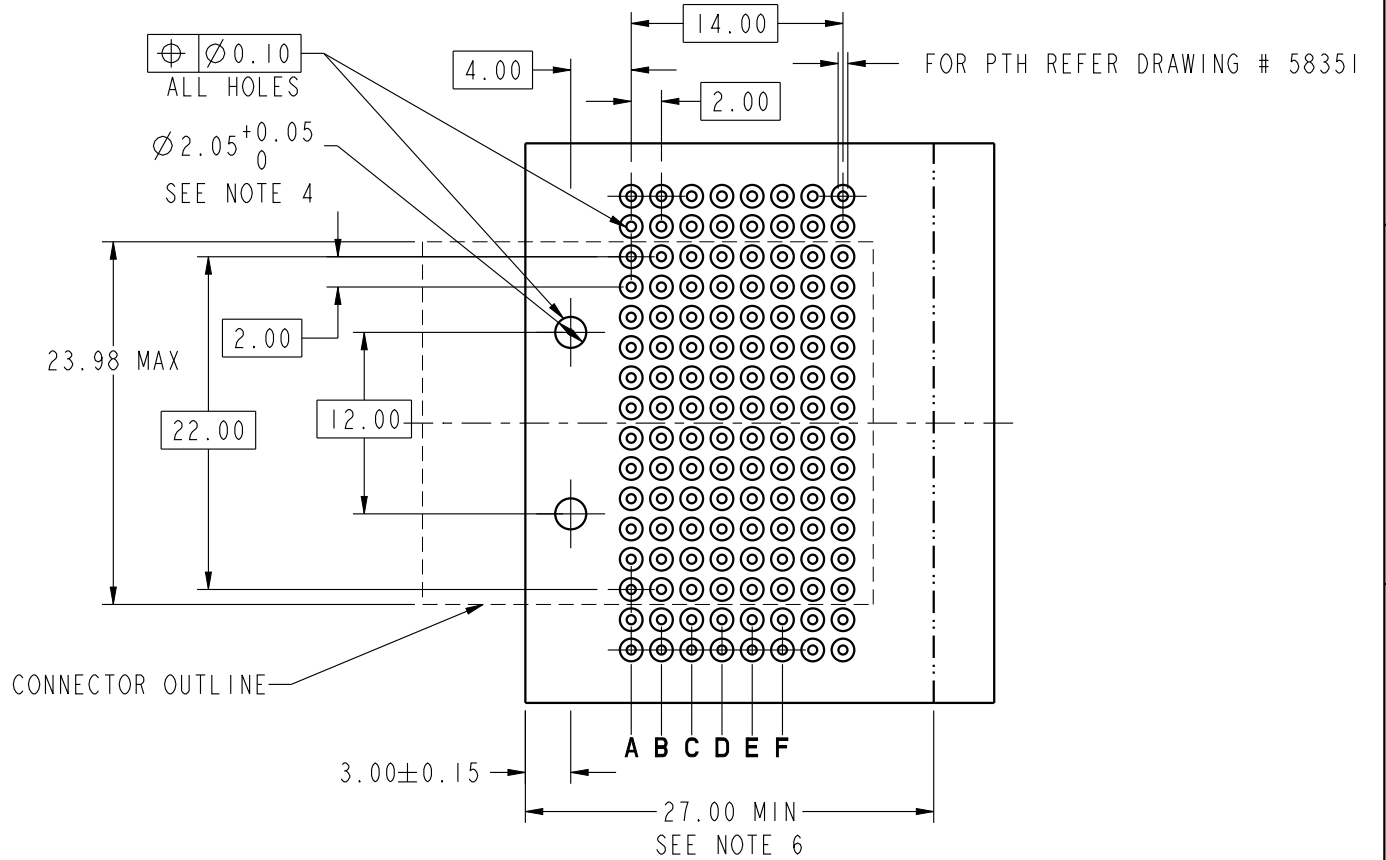
84964-XZZLF



spec ref		dr P-Mathew Nebu 2011/05/20		projection 	MM ←→	size A4	scale 2:1	
tolerance std ISO 406 ISO 1101		eng Narayanan, Aru 2021/01/29				ecn no ELX-I-39828-1		
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr -				rel level Released		
surface		appr Kuriakose, San 2021/01/29		product family METRAL		rev		
ISO 1302 ✓	linear	0.X	±0.3	Amphenol FCi		84964		
		0.XX	±0.13					
		0.XXX	±0.050					
angular		0°	±2°	amphenol-icc.com		cat. no.		
				title RIGHT ANGLE SIGNAL RECEPTACLE		dwg no		
				8 ROW P.F. 96 POS. SELECT LOAD		P		
				Product - Customer Drw		sheet 1 of 4		

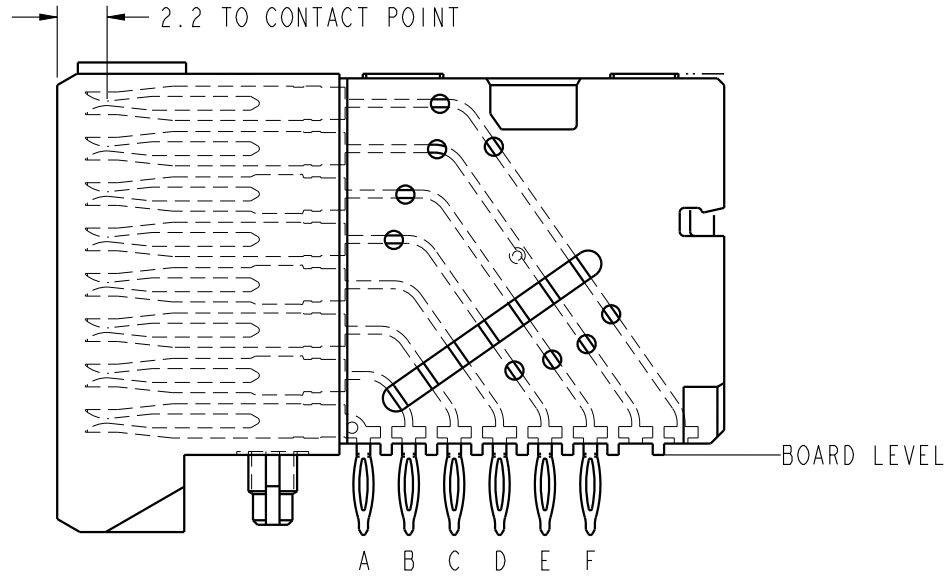
Creo F:14:ELX-MC:AC,REV F,2020-12-21

RECOMMENDED PCB HOLE  
PATTERN COMPONENT SIDE  
SEE DRAWING 58351 FOR  
OTHER OPTIONS



spec ref		dr P-Mathew Nebu		2011/05/20		projection		size A4		scale 1:1					
tolerance std		eng Narayanan, Aru		2021/01/29						ecn no ELX-I-39828-1					
ISO 406 ISO 1101		chr -		-						rel level Released					
surface		appr Kuriakose, San		2021/01/29		product family		rev		P					
ISO 1302 		TOLERANCES UNLESS OTHERWISE SPECIFIED		<b>Amphenol FCI</b>		title RIGHT ANGLE SIGNAL RECEPTACLE 8 ROW P.F. 96 POS. SELECT LOAD		dwg no 84964		sheet 2 of 4					
												linear		0.X ±0.3	
												angular		0° ±2°	
ISO 1302		amphenol-icc.com		cat. no.		Product - Customer Drw		STATUS:Released		Printed: Feb 01, 2021					

DISTANCE FROM CONTACT POINT TO BOARD	
CONTACT	DISTANCE
A	12.5
B	15.9
C	18.9
D	21.9
E	25.0
F	28.0



CONTACT POINT AND SKEW

spec ref		dr	P-Mathew Nebu	2011/05/20	projection 	MM ←→	size	A4	scale	3:1
tolerance std		eng	Narayanan, Aru	2021/01/29			ecn no	ELX-I-39828-1		
ISO 406 ISO 1101		chr	-	-			rel level	Released		
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr	Kuriakose, San	2021/01/29	product family	METRAL				
surface	linear	0.X	±0.3	Amphenol FCi	title	RIGHT ANGLE SIGNAL RECEPTACLE 8 ROW P.F. 96 POS. SELECT LOAD	dwg no	84964	rev	P
		0.XX	±0.13							
		0.XXX	±0.050							
ISO 1302	angular	0°	±2°	amphenol-icc.com	cat. no.	Product - Customer Drw	sheet 3 of 4			





METRAL P/N	ROW	TRIM CODE											
		1	2	3	4	5	6	7	8	9	10	11	12
84964-X02LF	H	-	-	-	-	-	-	-	-	-	-	-	-
	G	-	-	-	-	-	-	-	-	-	-	-	-
	F	X	X	X	X	X	X	X	X	X	X	X	X
	E	X	X	X	X	X	X	X	X	X	X	X	X
	D	X	X	X	X	X	X	X	X	X	X	X	X
	C	X	X	X	X	X	X	X	X	X	X	X	X
	B	X	X	X	X	X	X	X	X	X	X	X	X
	A	X	X	X	X	X	X	X	X	X	X	X	X

METRAL P/N	ROW	TRIM CODE											
		1	2	3	4	5	6	7	8	9	10	11	12
84964-X12LF	H	-	-	-	-	-	-	-	-	-	-	-	-
	G	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-
	E	X	X	X	X	X	X	X	X	X	X	X	X
	D	X	X	X	X	X	X	X	X	X	X	X	X
	C	X	X	X	X	X	X	X	X	X	X	X	X
	B	X	X	X	X	X	X	X	X	X	X	X	X
	A	X	X	X	X	X	X	X	X	X	X	X	X

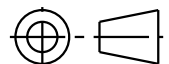

METRAL P/N	ROW	TRIM CODE											
		1	2	3	4	5	6	7	8	9	10	11	12
84964-X13LF	H	-	X	-	X	-	X	-	X	-	X	-	X
	G	X	-	X	-	X	-	X	-	X	-	X	-
	F	-	X	-	X	-	X	-	X	-	X	-	X
	E	X	-	X	-	X	-	X	-	X	-	X	-
	D	-	X	-	X	-	X	-	X	-	X	-	X
	C	X	-	X	-	X	-	X	-	X	-	X	-
	B	-	X	-	X	-	X	-	X	-	X	-	X
	A	X	-	X	-	X	-	X	-	X	-	X	-

'X' = UNTRIMMED EON  
'-' = TRIMMED EON

### NOTES

- UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994
- MATERIAL : BODY : THERMOPLASTIC UL94-V0.   
: CONTACT : COPPER ALLOY.
- FOR PLATING PERFORMANCE REFER DRAWING # 10159408. 
- ∅2.05 HOLE IS UNPLATED.
- ∅1.53 PLATED HOLES (2x) ARE FOR GROUNDS.
- AVOID TRACES IN THIS AREA ON TOP OF PCB DUE TO EXPOSED GROUND SHIELD.
- COMPONENT KEEP OUT ZONE FOR PRESS BLOCK CLEARANCE.
- SEE GS-20-017 FOR APPLICATION OF CONNECTOR TO PCB.
- PCB THICKNESS RANGE: 1.3mm TO 3.4mm.
- SEE PRODUCT SPECIFICATION GS-12-110 FOR PRODUCT PERFORMANCE CHARACTERISTICS.
- THIS GROUND ROW OF VIA-HOLES ONLY REQUIRED FOR PREVIOUS REVISIONS OF THIS DESIGN WHERE THE TOP SHIELDS HAD EON PRESS-FIT. DUE TO INVENTORIES OF PREVIOUS VERSION WE RECOMMEND THEY BE DESIGNED IN.
- THE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER  COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
- ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260° FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENCY DRAWING REVISION.
- 84964-XZZLF.

↑ 'X' REFER DRAWING # 10159408. 

spec ref		dr	P-Mathew Nebu	2011/05/20	projection 	MM 	size	A4	scale	2:1		
tolerance std		eng	Narayanan, Aru	2021/01/29			ecn no	ELX-I-39828-1				
ISO 406 ISO 1101		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr			-	rel level	Released			
surface		appr	Kuriakose, San	2021/01/29	product family		METRAL					
ISO 1302	linear	0.X		±0.3	Amphenol FCI	title	RIGHT ANGLE SIGNAL RECEPTACLE		dwg no	84964	rev	P
		0.XX		±0.13			8 ROW P.F. 96 POS. SELECT LOAD					
		0.XXX		±0.050			cat. no.	Product - Customer Drw				
angular		0°		±2°	amphenol-icc.com							