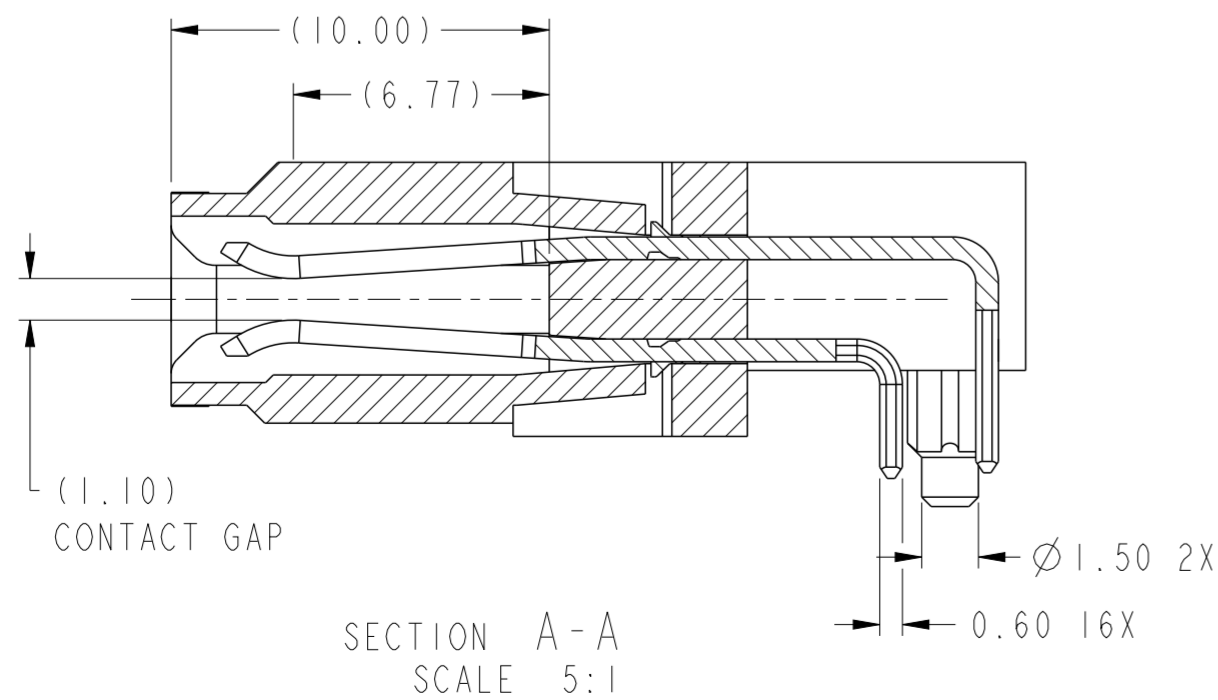
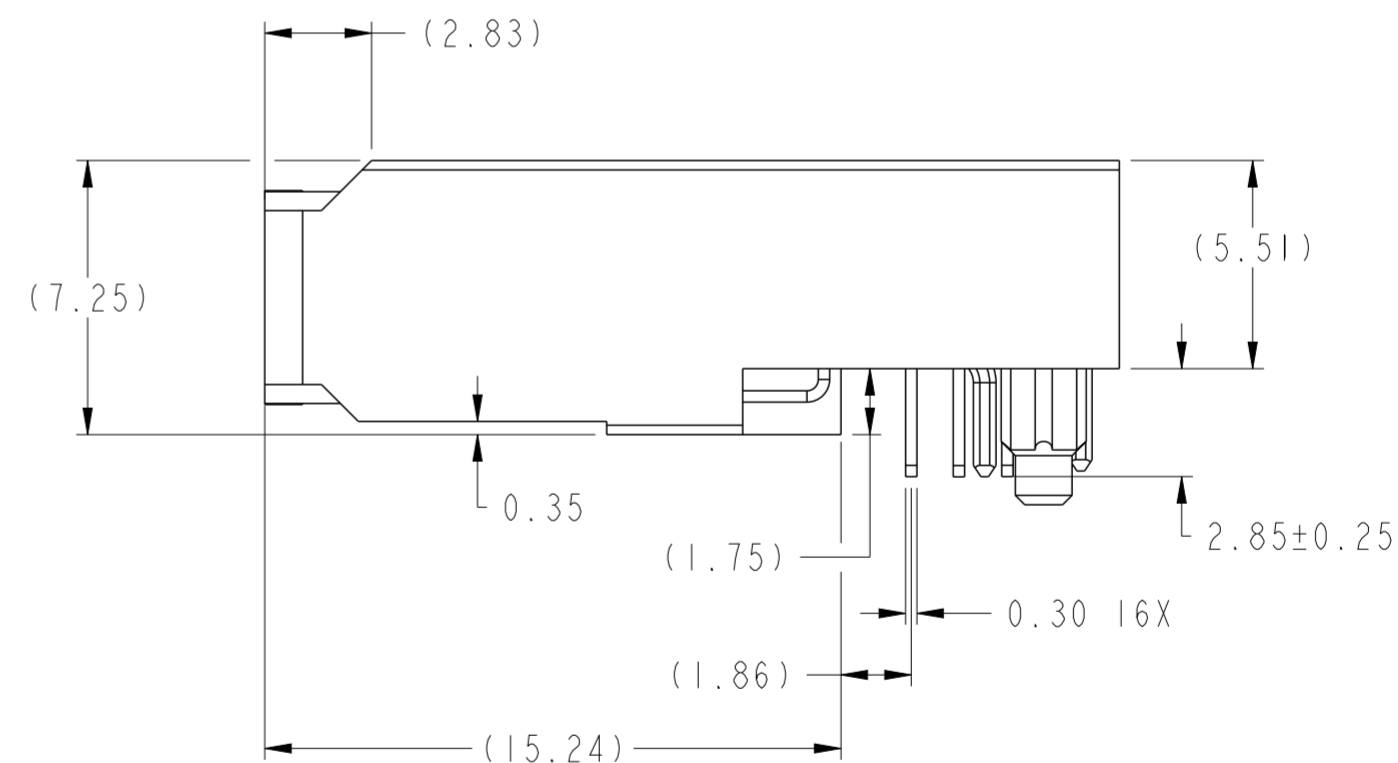
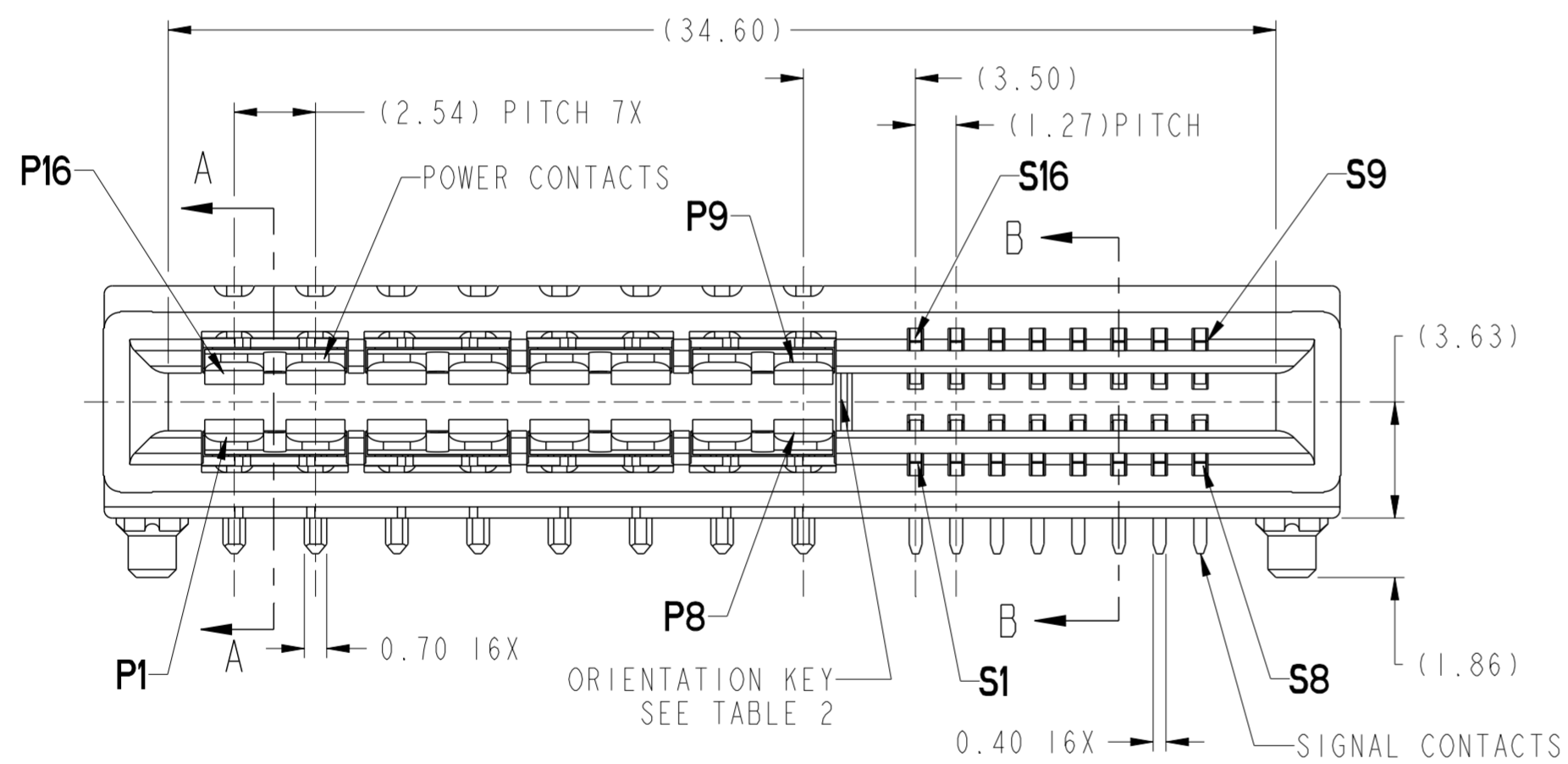


SECTION B-B
SCALE 5:1

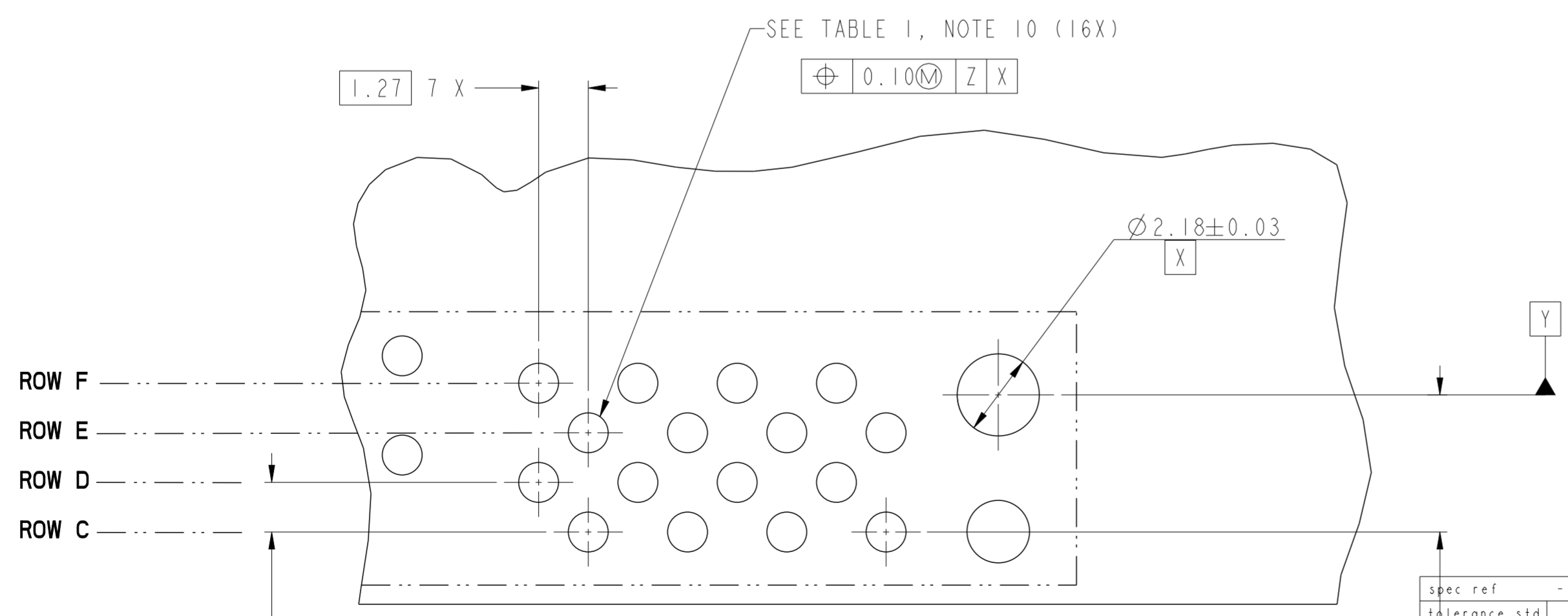
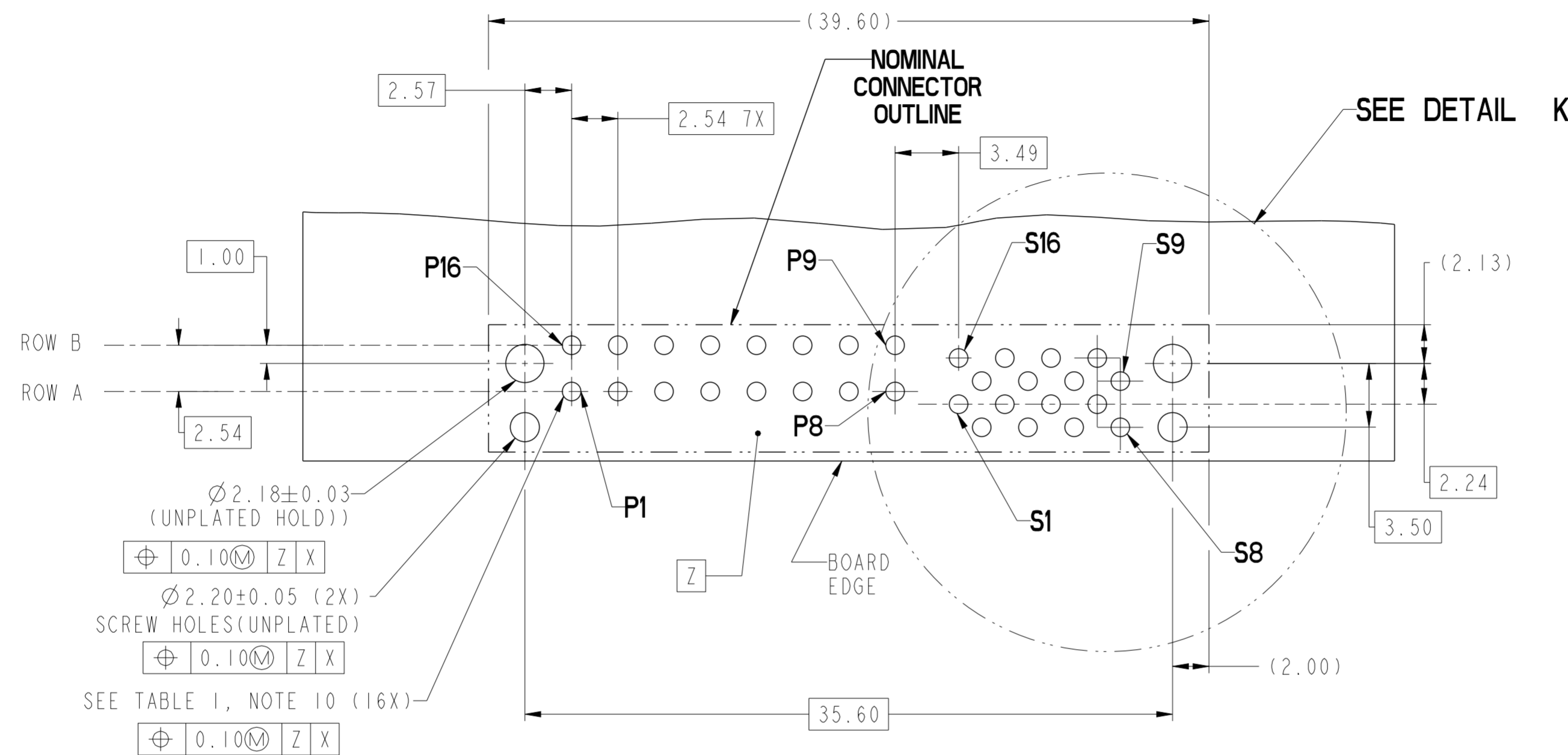


SECTION A-A
SCALE 5:1

spec ref	-	dr	Zhao Peter	2013/12/23	projection	MM	size	A2	scale	2:1
tolerance std	-	eng	Sunny2 Liu	2016/05/06			ecn no	ELX-DG-24036-1	rel level	Released
	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	Terris Liu	2016/05/20						
surface	ASME Y14.5	appr	Pei-Ming Zheng	2016/05/24	product family	-	rel level	Released	cat. no.	-
	linear	0.X	±0.30		R/A OFFSET TYPE 16P16S HIGHT POWER CARD EDGE	dwg no 10127949	rev C			
		0.XX	±0.25							
		0.XXX	±0.15							
	angular	0°	±2°	Product - Customer Drw	sheet 1 of 4					

TABLE 1 (HPCE / SOLDER TAILS)
PLATED THROUGH-HOLE REQUIREMENTS

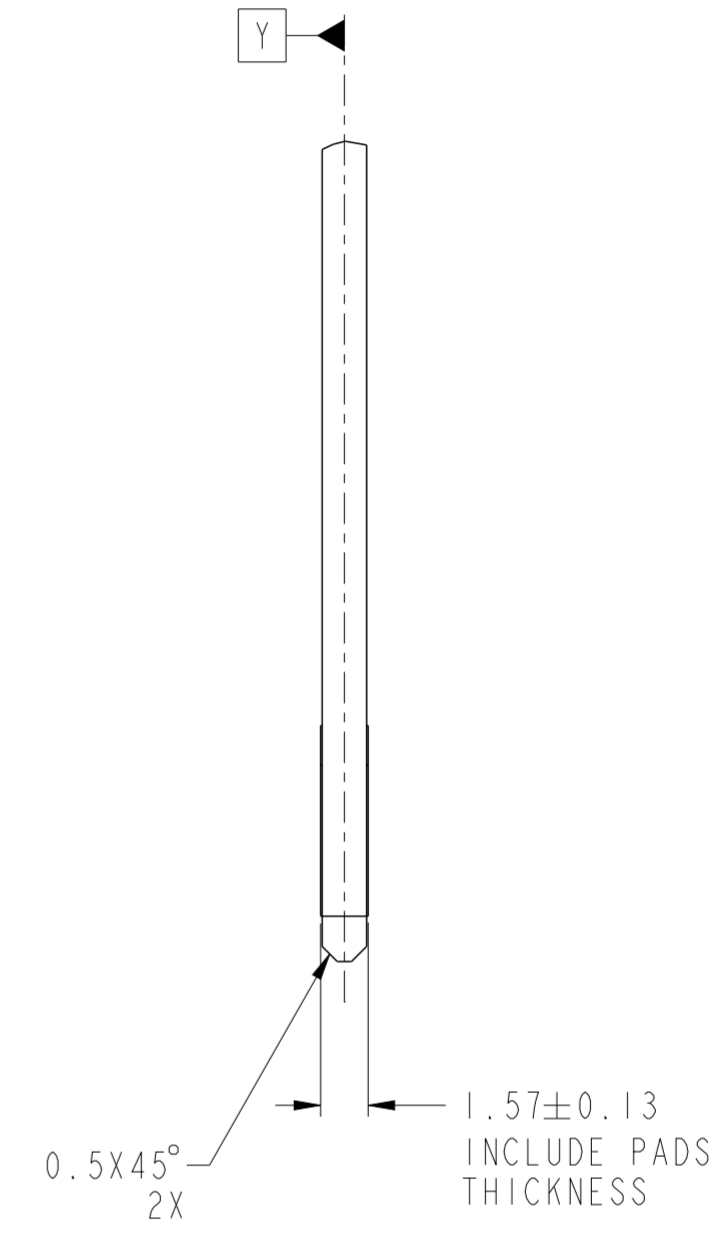
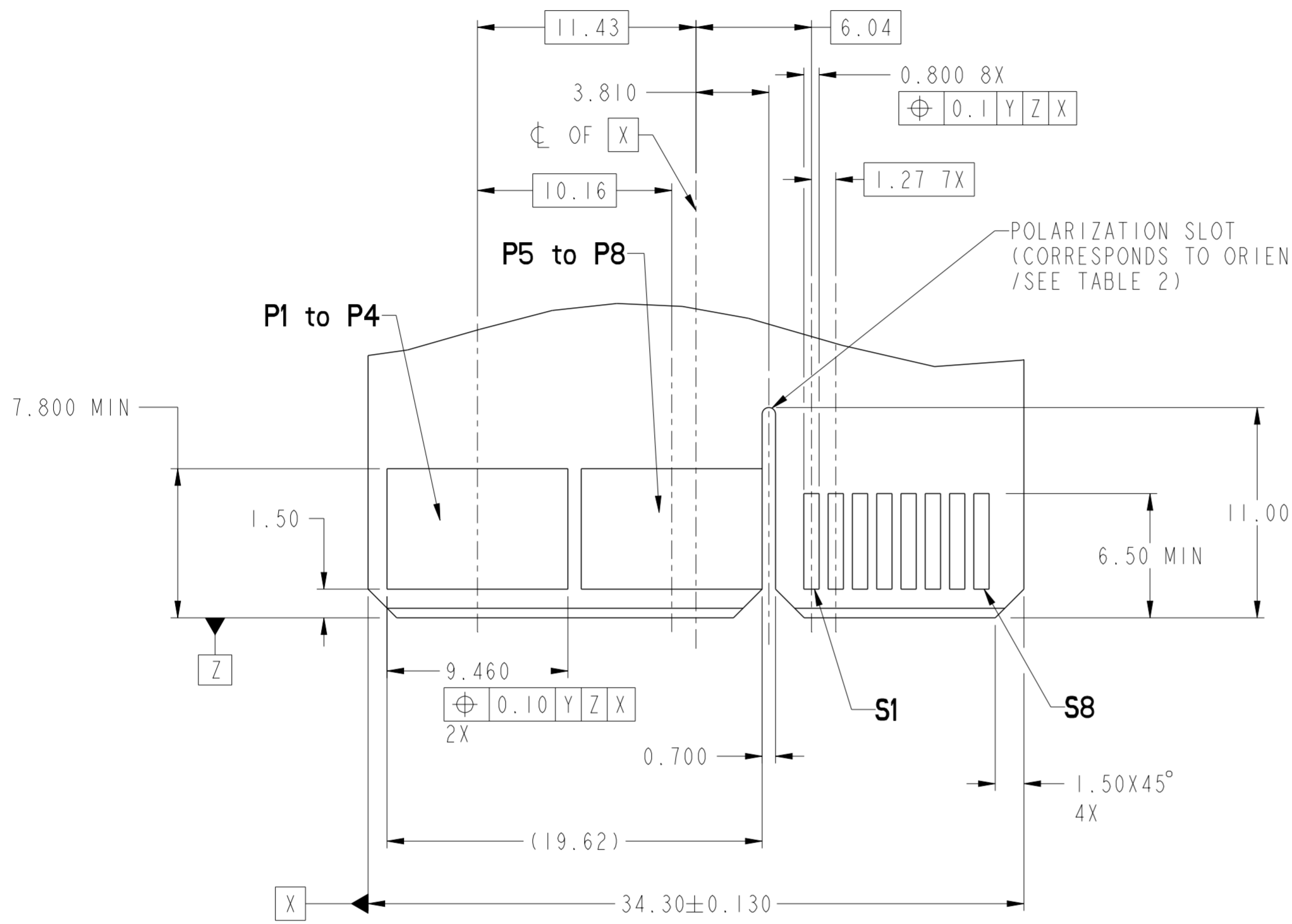
CONTACT TYPE	TOP LAYER DESCRIPTION	DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
		POWER & SIGNAL	TIN-LEAD	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	0.005 - 0.015
	IMMERSION TIN	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	--	0.9 - 1.5um	0.94 - 1.10
	COPPER (SEE NOTE 8)	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	--	--	0.94 - 1.10



spec ref	-	dr	Zhao Peter	2013/12/23	projection	MM	size	A2	scale	4:1	
tolerance std	3.51	eng	Sunny2 Liu	2016/05/06			ecn no	ELX-DG-24036-1			
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Terris Liu	2016/05/20			rel level	Released			
surface	ASME Y14.5	appr	Pai-Ming Zheng	2016/05/24			product family	-			
linear	0.X ±0.30 0.XX ±0.25 0.XXX ±0.15	Amphenol FCI		TITLE		R/A OFFSET TYPE 16P16S		dwg no	10127949		
angular	0° ±2°	Amphenol FCI		TITLE		HIGH POWER CARD EDGE		rev	C		
cat. no.		-		Product - Customer Drw		sheet 2 of 4					

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RECOMMENDED MATING BOARD FOOTPRINT

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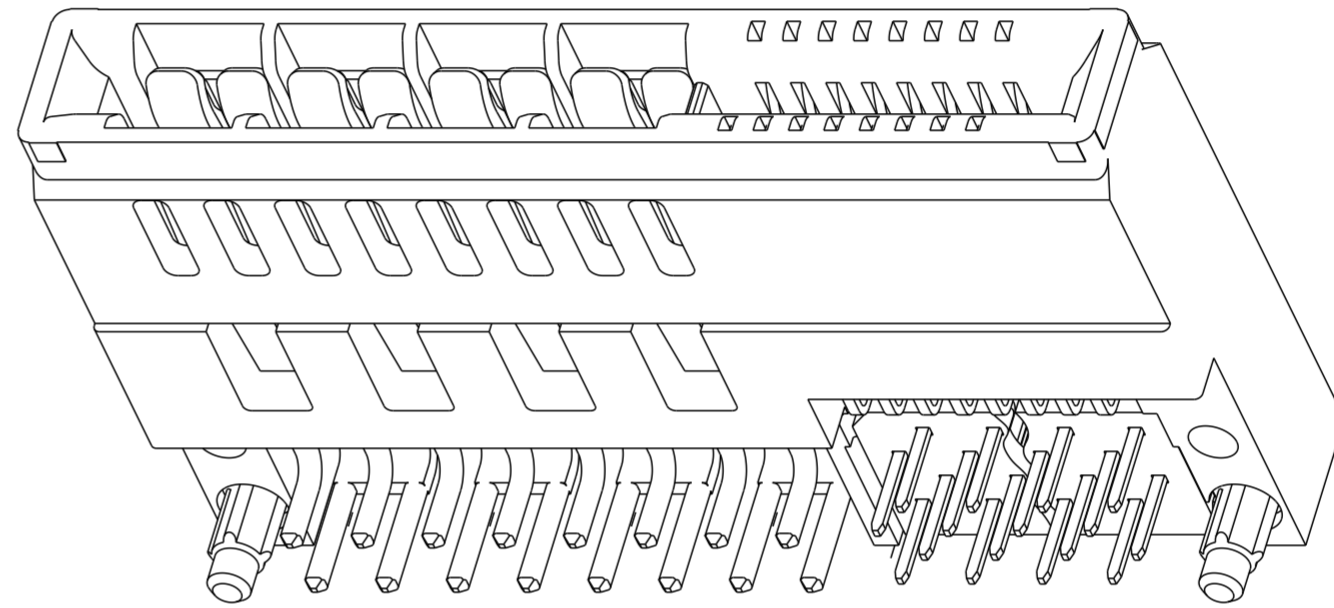
spec ref	-	dr	Zhao Peter	2013/12/23	projection	MM	size	A2	scale	4:1	
tolerance std	-	eng	Sunny2 Liu	2016/05/06			ecn no	ELX-DG-24036-1	rel level	Released	
		chr	Terris Liu	2016/05/20							
		appr	Pei-Ming Zheng	2016/05/24	product family	-					
surface	ASME Y14.5	linear	0.X	±0.30		R/A OFFSET TYPE 16P16S HIGHT POWER CARD EDGE	dwg no 10127949	rev C	Product - Customer Drw		
		angular	0°	±2°					cat. no.	-	sheet 3 of 4

PDS: Rev :C






STATUS:Released

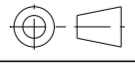
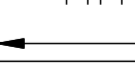
Printed: May 24, 2016

HPCE PART NUMBER (TABLE 2)				PLATING (CONTACT AREA)
10127949	TAIL TYPE	HOLD-DOWN OPTION	ORIENTATION KEY	
10127949-001LF	SOLDER TAIL	YES	YES	GXT, 0.76um
10127949-002LF			NO	GXT, 0.76um



NOTES:

- MATERIALS:
HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK, UL 94V-0
CONTACTS: HIGH PERFORMANCE COPPER ALLOY.
- CONTACT FINISH REF. GS-12-604 SECTION 5.2.
- PRODUCT SPECIFICATION: GS-12-604.
- APPLICATION SPECIFICATION: GS-20-128.
-  5. PRODUCT MARKING ON HOUSING IN AREA SHOWN MEETS AFCI SPECIFICATION: GS-24-007.
- MOUNTING HARDWARE: M2X0.8 SELF-THREADING SCREW
MOUNTING SCREW LENGTH: 5.80±0.30mm.
- PRODUCT PACKAGED IN TRAYS, REFER TO FCI SPECIFICATION GS-14-937.
-  8. HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.
-  9. COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.
-  10. ALL HOLE SIZES ARE FINISHED HOLE SIZES.
- A SYMBOL  WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

spec ref	-	dr	Zhao Peter	2013/12/23	projection	MM	size	A2	scale	2:1								
tolerance std	-	eng	Sunny2 Liu	2016/05/06			ecn no	ELX-DG-24036-1										
	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	Terris Liu	2016/05/20				product family	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>±0.25</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±0.15</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±2°</td> </tr> </table>	linear	0.X	±0.30							0.XX	±0.25		0.XXX	±0.15	angular	0°	±2°
linear	0.X	±0.30																
	0.XX	±0.25																
	0.XXX	±0.15																
angular	0°	±2°																
		appr	Pei-Ming Zheng	2016/05/24	Product - Customer Drw		sheet 4 of 4											

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