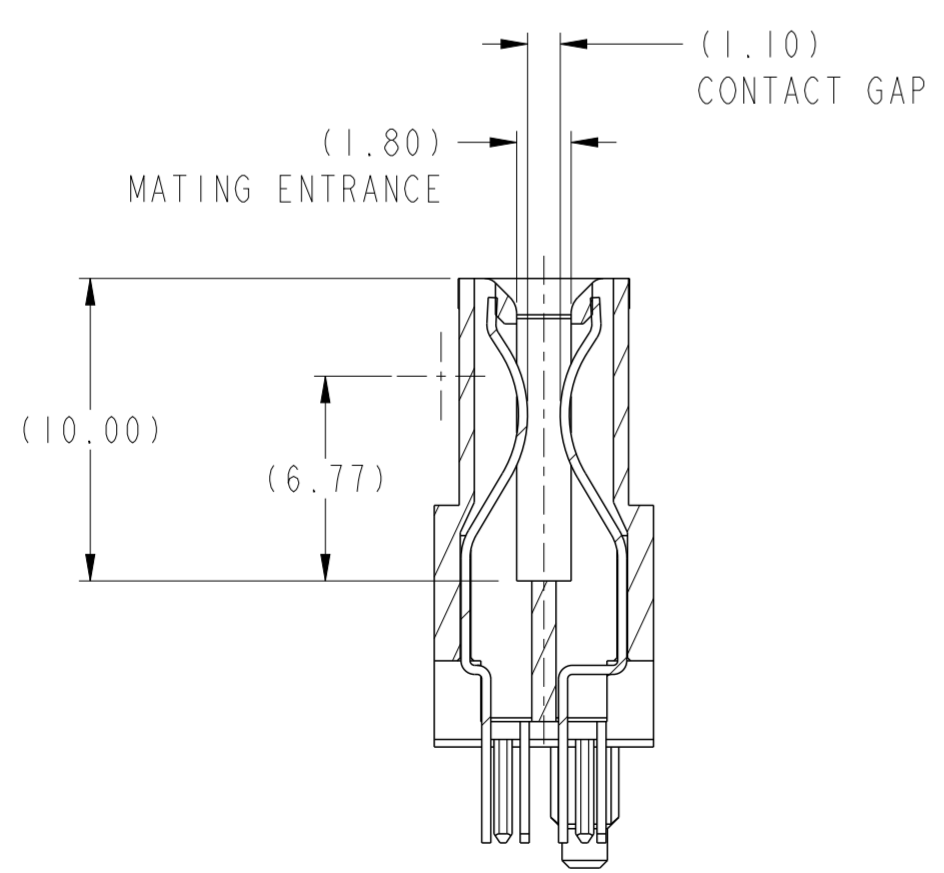
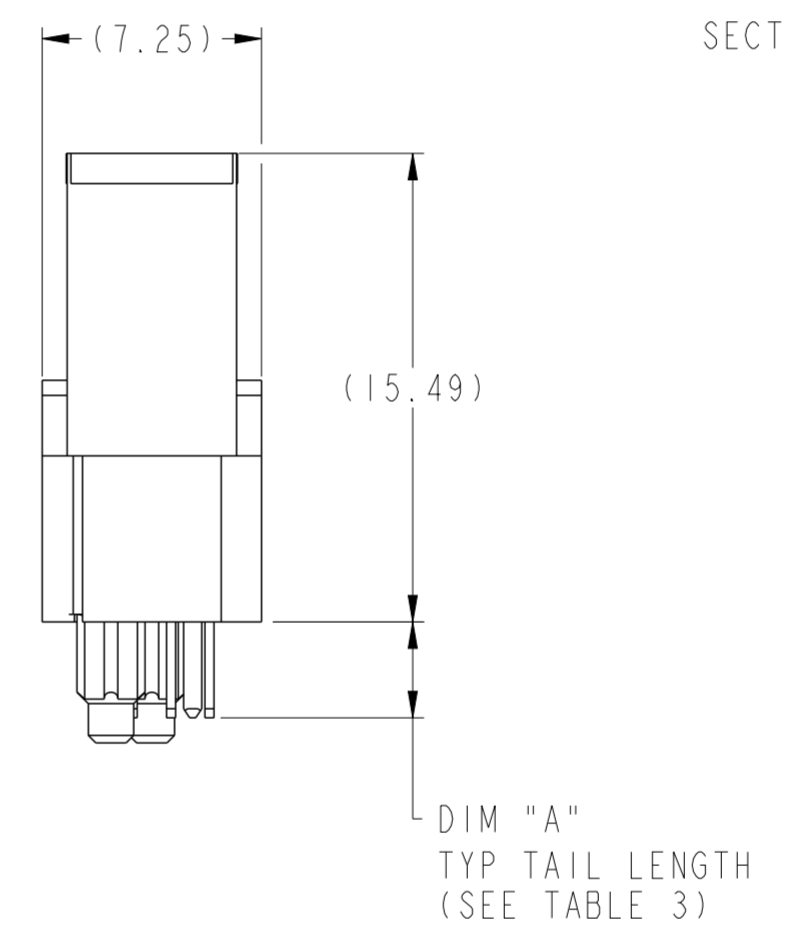
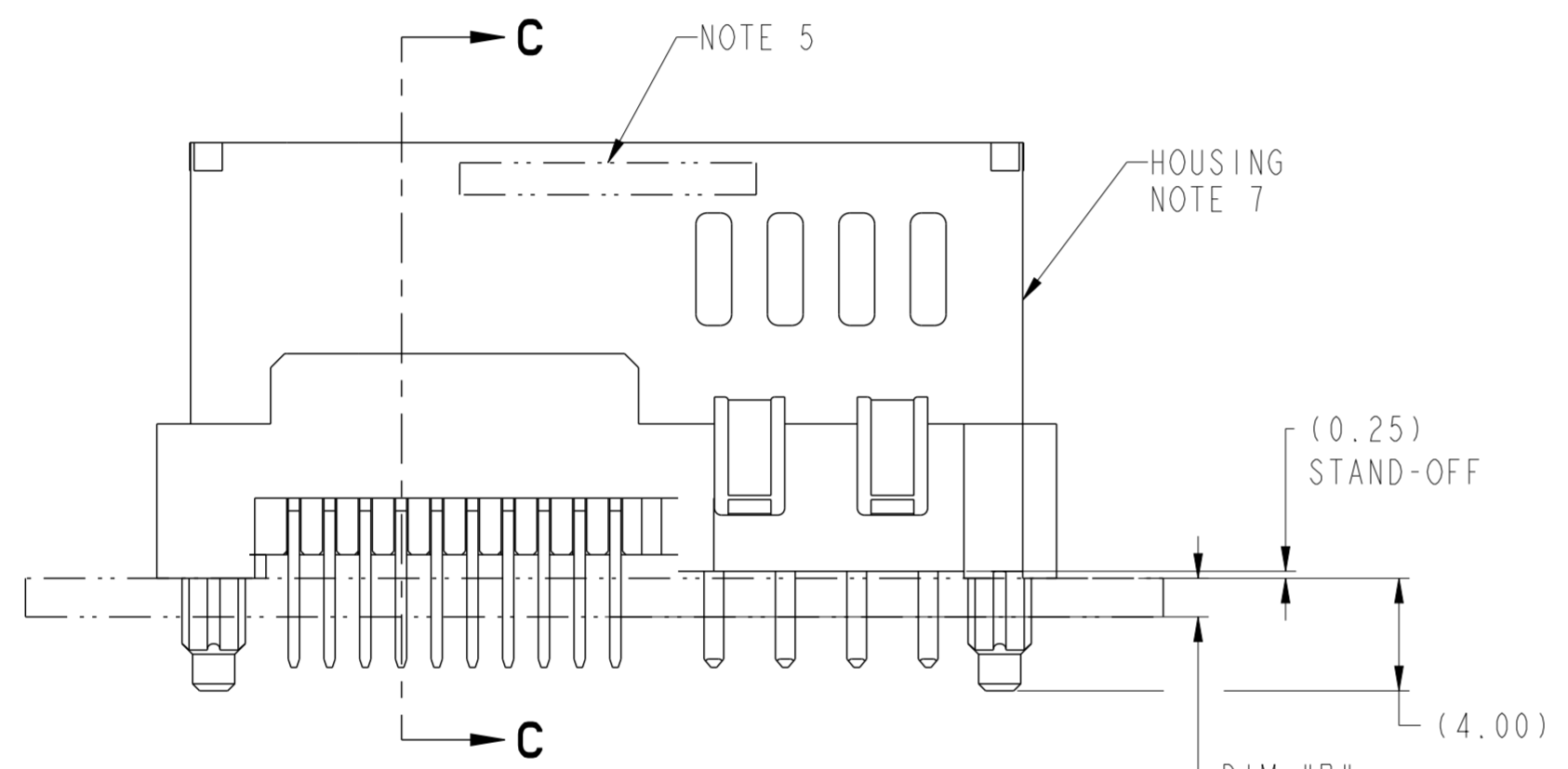
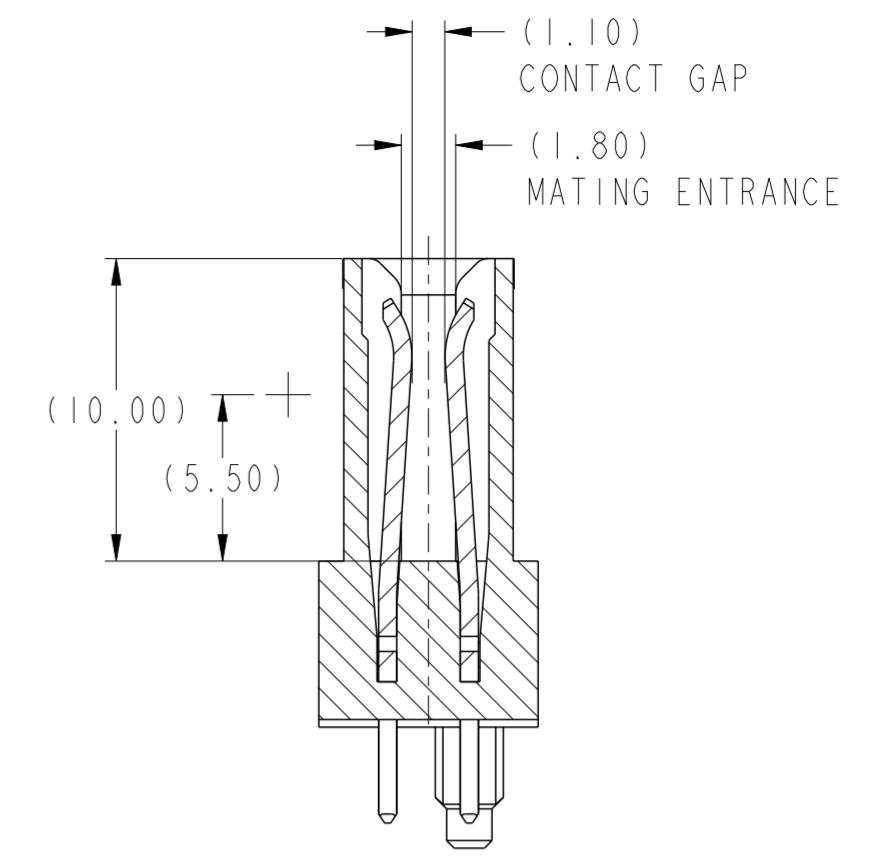
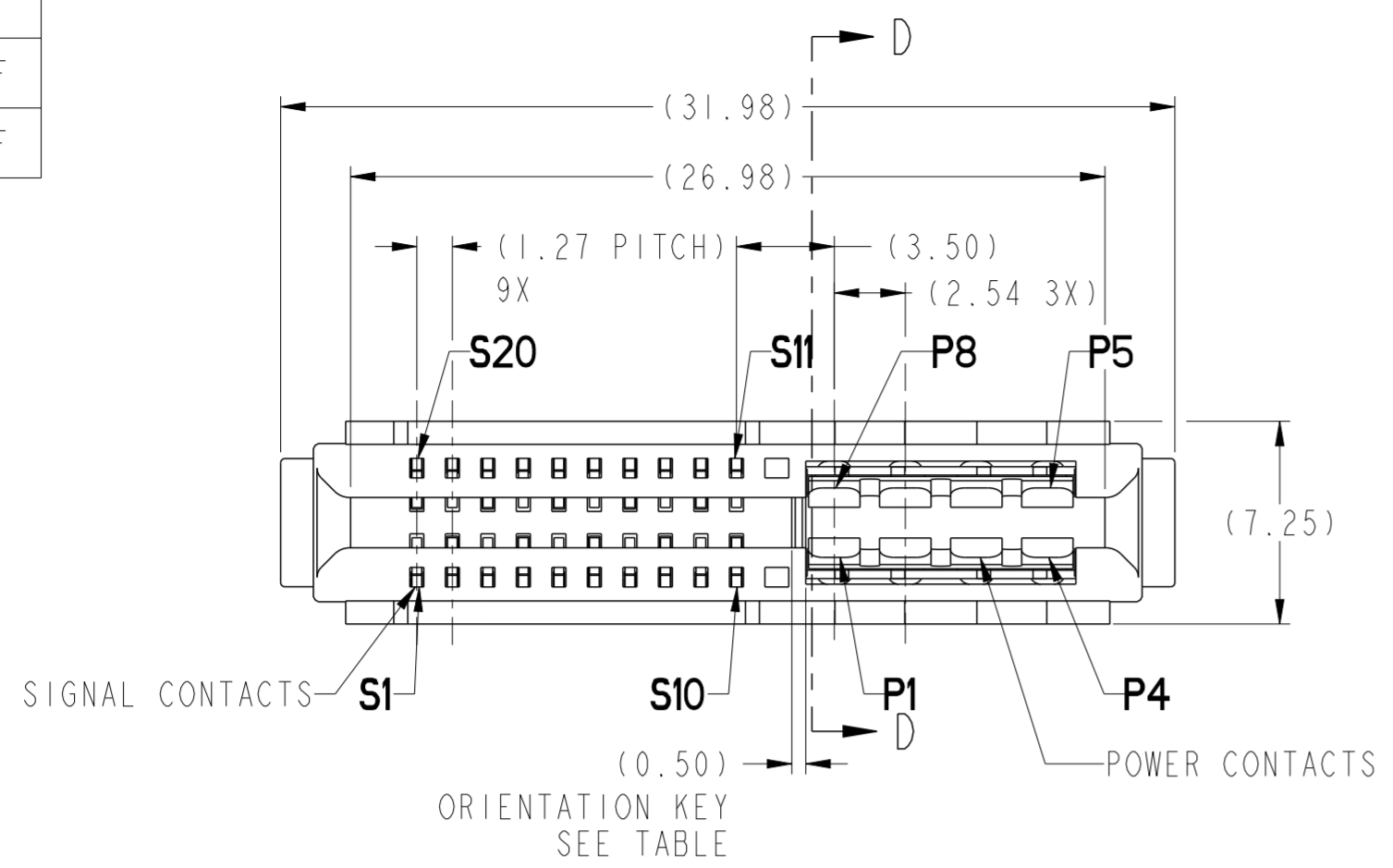


PART NUMBER
10119472-001LF
10119472-002LF



SECTION C-C

spec ref	-	dr	Wei-Long Zhang	2011/11/15	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5	eng	Sunny2 Liu	2016/05/05			ecn no	ELX-DG-24036-1	rel level <b>Released</b>	sheet 1 of 5
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Terris Liu	2016/05/20			product family	HPCE		
surface	ASME Y14.5	appr	Pai-Ming Zheng	2016/05/24			rel level	Released		
linear	0.X ±0.3	Amphenol FCI		VERT RECT (20S+8P)		dwg no	10119472	rev	C	
angular	0° ±2°	Amphenol FCI		HIGH POWER CARD EDGE		cat. no.	-	Product - Customer Drw		

PDS: Rev :C

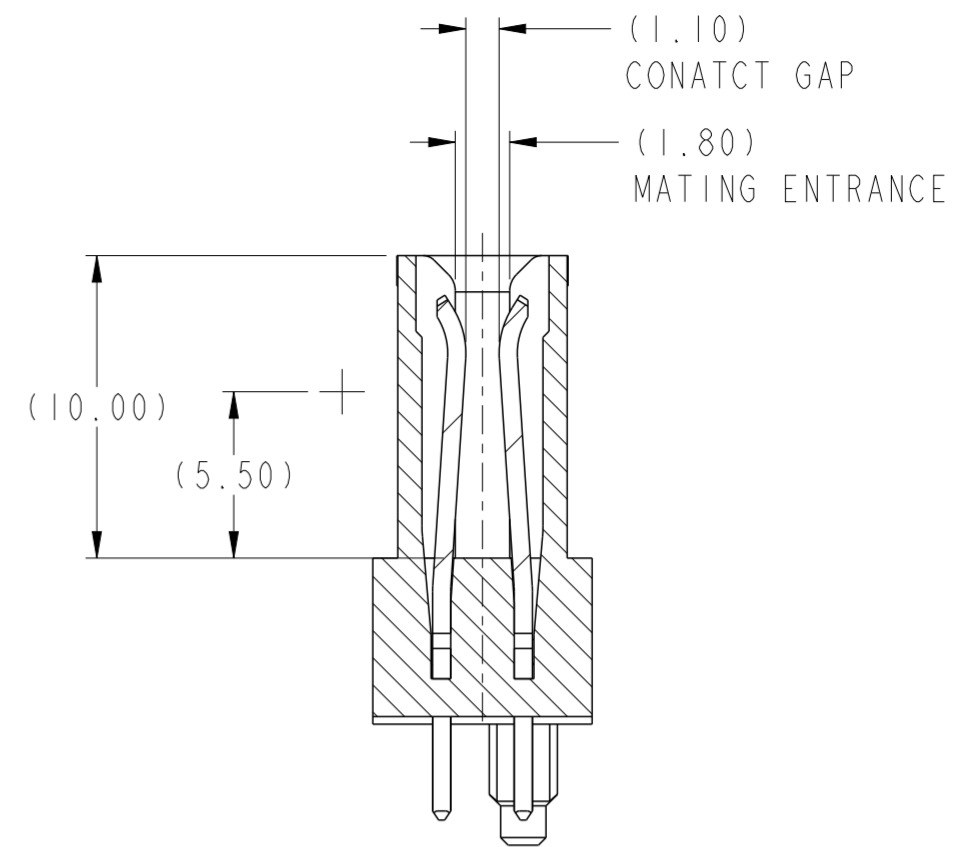
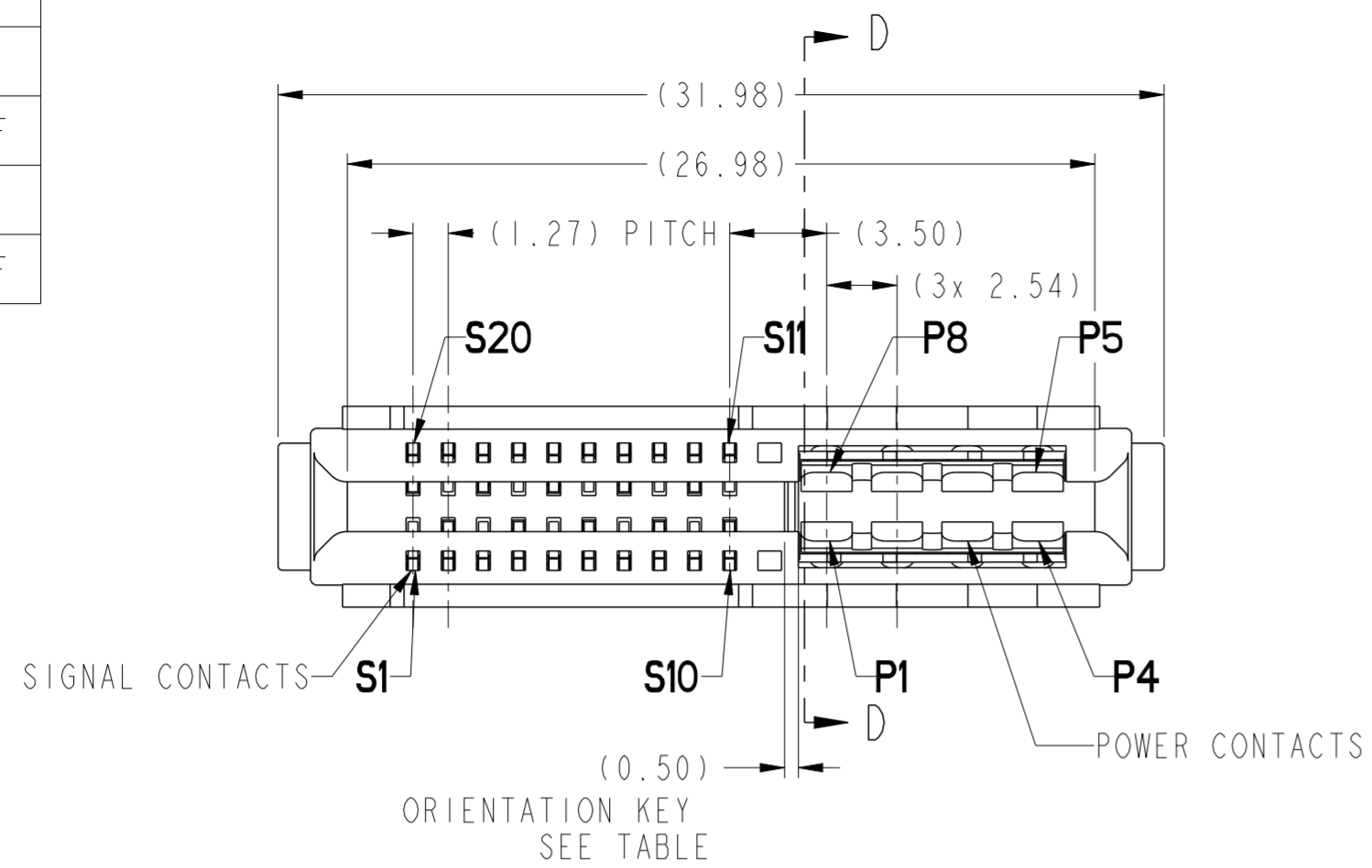
STATUS:Released

Printed: May 24, 2016

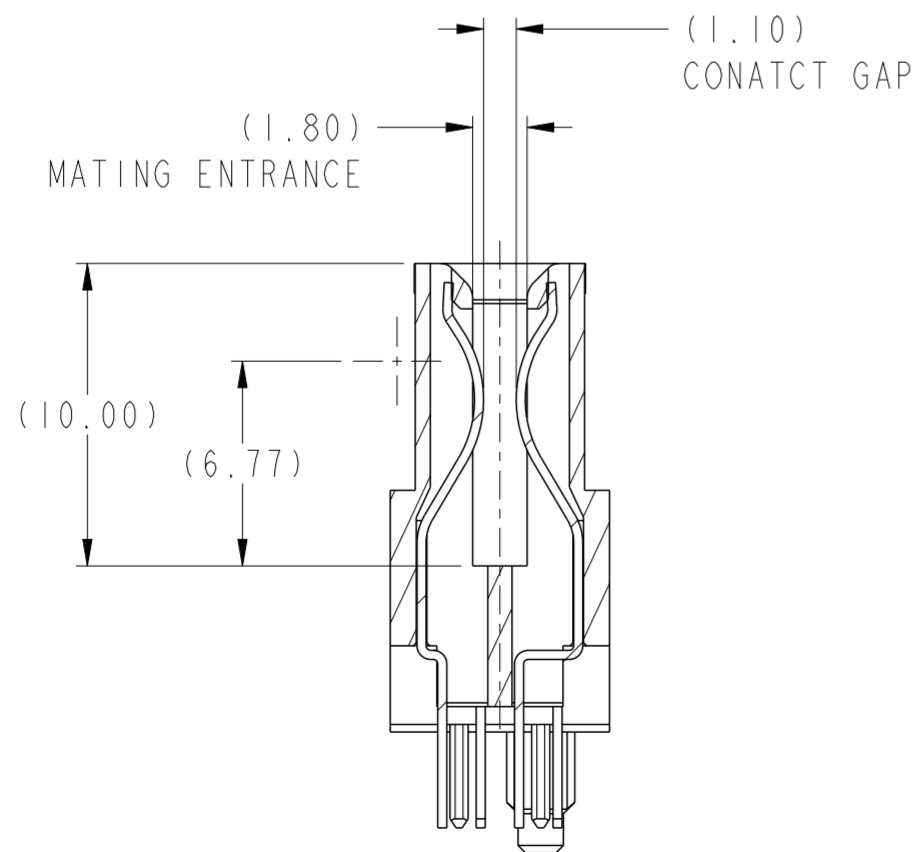
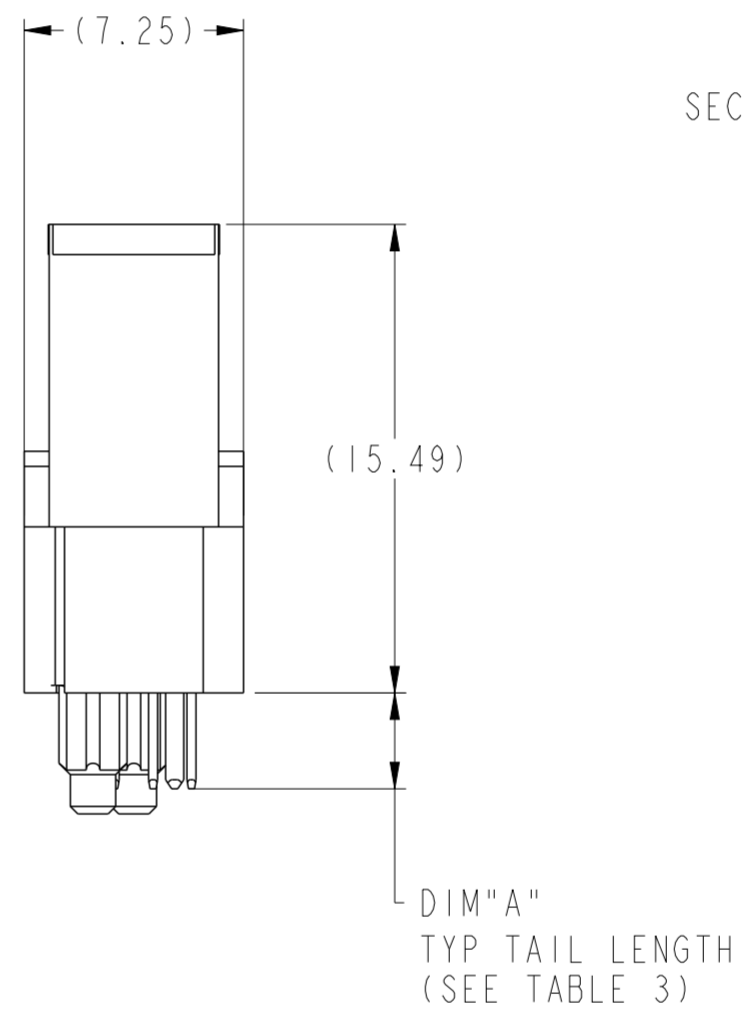
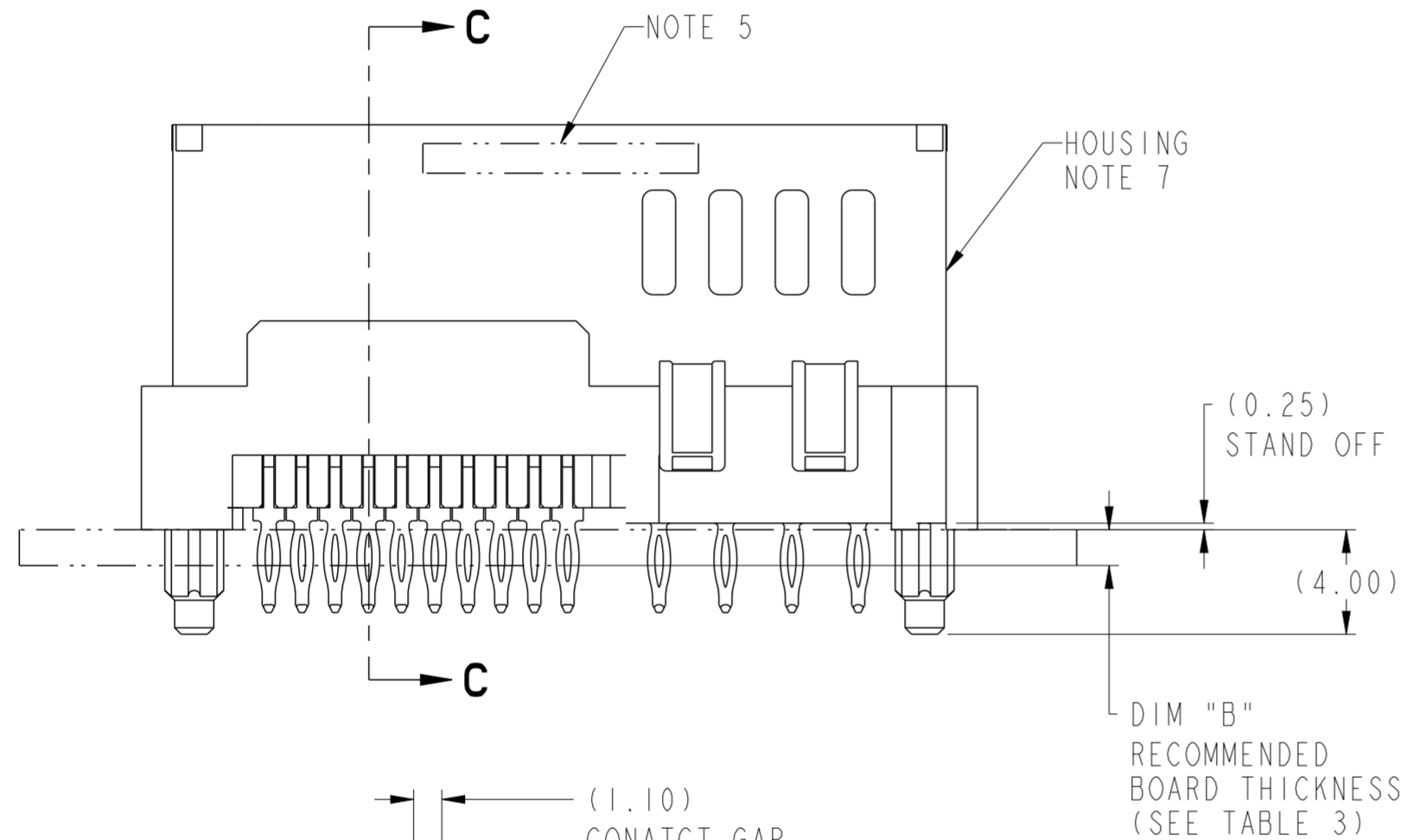
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PART NUMBER
10119472-003
10119472-003LF
10119472-004
10119472-004LF



SECTION D-D



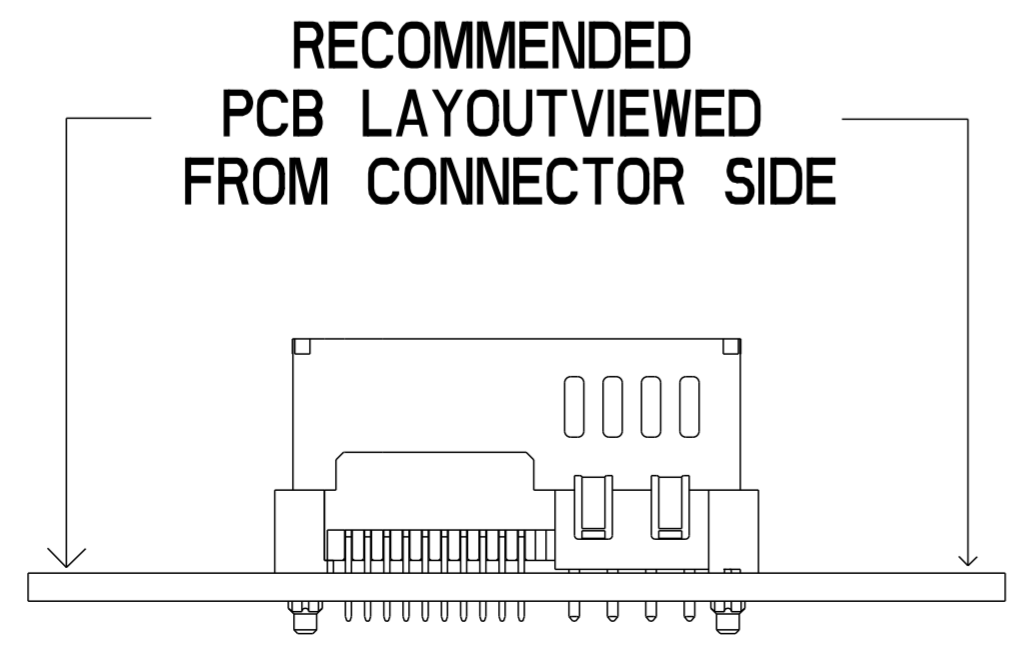
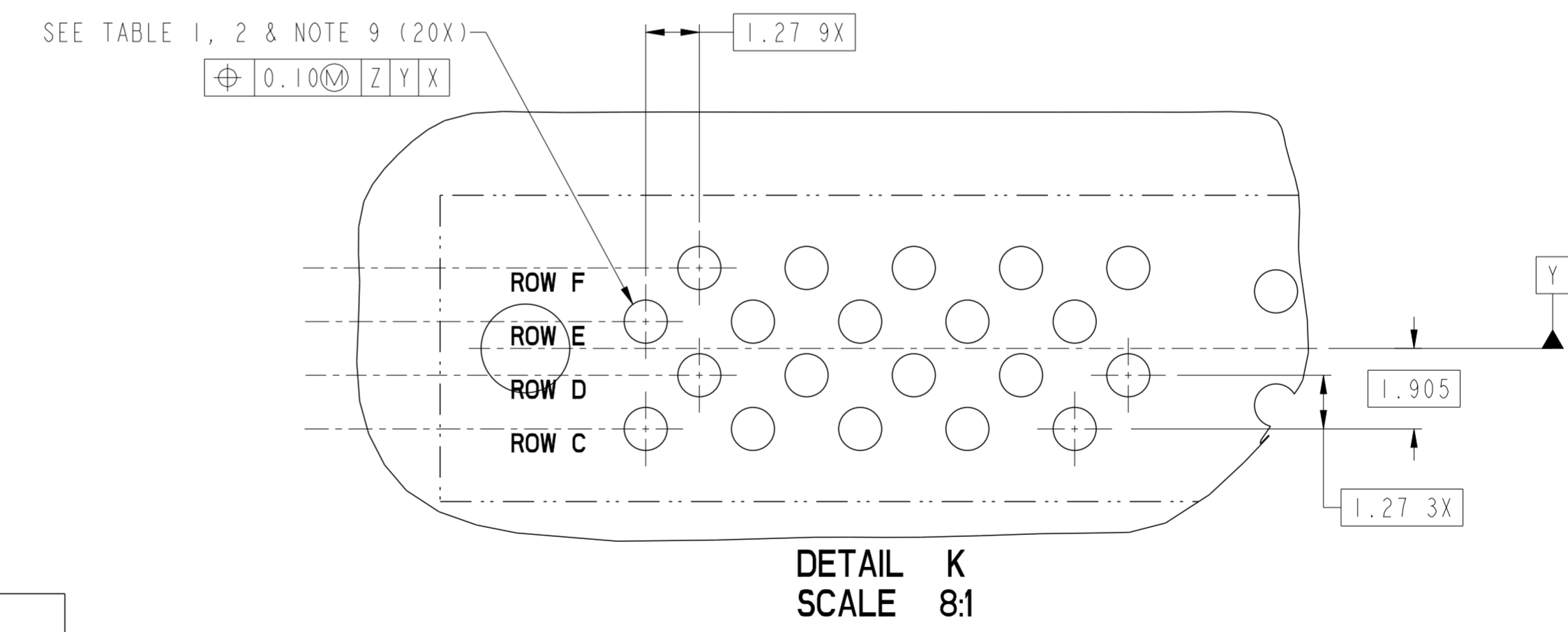
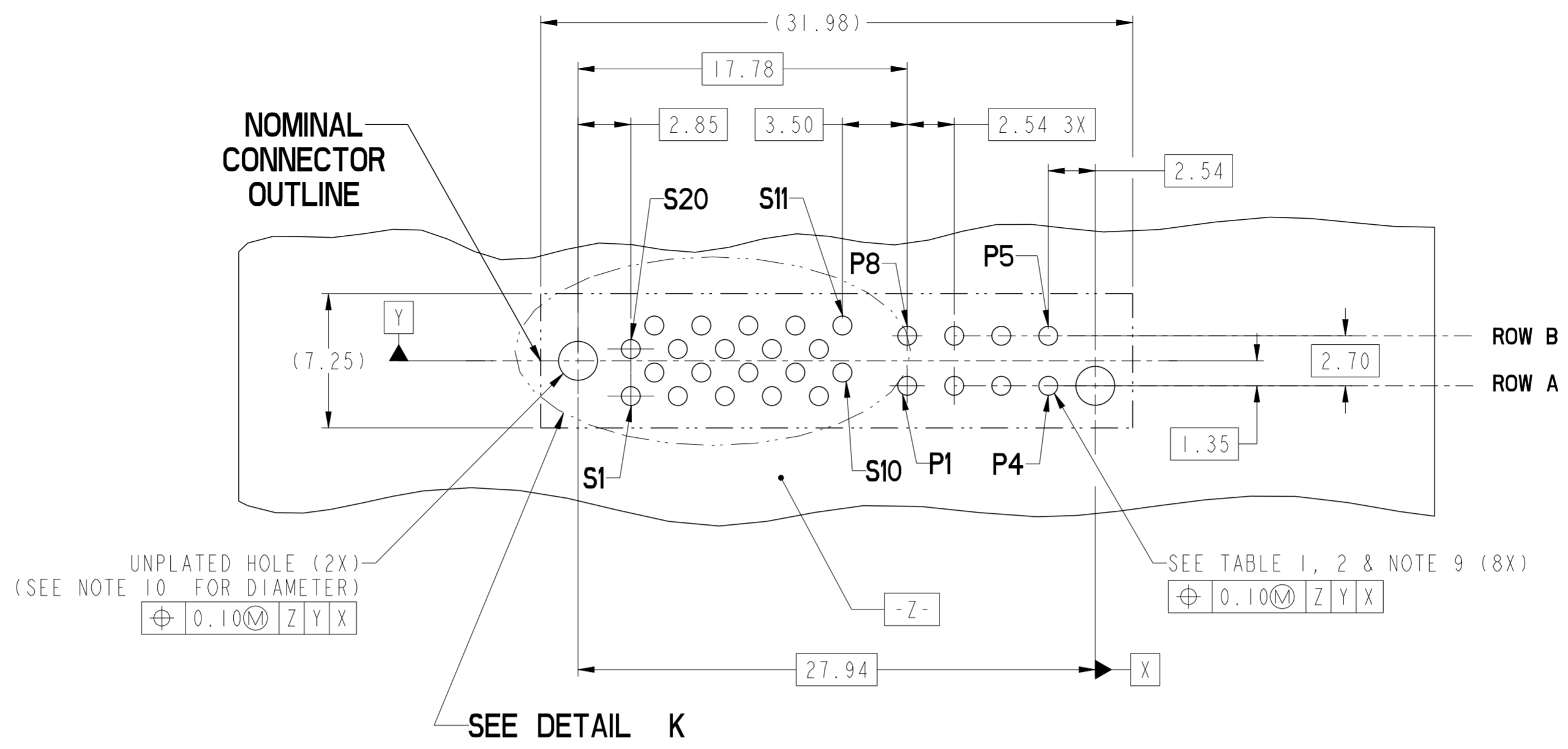
SECTION C-C

spec ref	-	dr	Wei-Long Zhang	2011/11/15	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5	eng	Sunny2 Liu	2016/05/05			ecn no	ELX-DG-24036-1	rel level <b>Released</b>	
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Terris Liu	2016/05/20			product family	HPCE		
surface	ASME Y14.5	appr	Pai-Ming Zheng	2016/05/24			rel level	Released		
linear	0.X ±0.3 0.XX ±0.10 0.XXX ±0.050			title VERT RECT (20S+8P) HIGH POWER CARD EDGE		dwg no 10119472	rev <b>C</b>			
angular	0° ±2°	cat. no.		Product - Customer Drw		sheet 2 of 5				

PDS: Rev :C

STATUS:Released

Printed: May 24, 2016



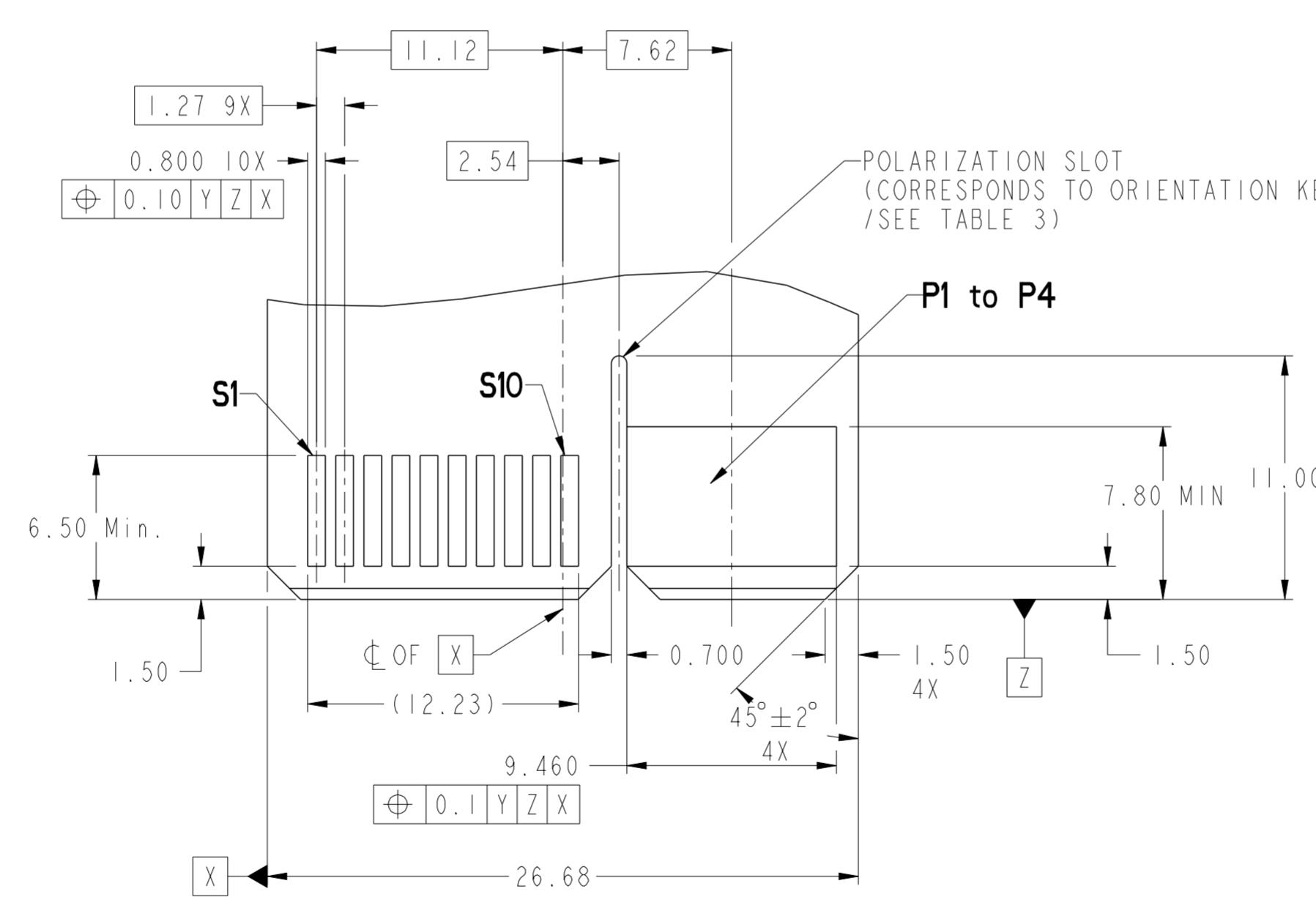
spec ref	-	dr	Wei-Long Zhang	2011/11/15	projection	MM	size	A2	scale	1:1
tolerance std	ASME Y14.5	eng	Sunny2 Liu	2016/05/05			ecn no	ELX-DG-24036-1		
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Terris Liu	2016/05/20				rel level	Released	
surface	ASME Y14.5	appr	Pei-Ming Zheng	2016/05/24	product family	-	rel level	Released		
linear	0.X ±0.3 0.XX ±0.10 0.XXX ±0.050	Amphenol FCI	VERT RECT (20S+8P) HIGH POWER CARD EDGE		cat. no.	-	Product - Customer Drw	sheet 3 of 5	rev	C
angular	0° ±2°	PDS: Rev :C		STATUS: Released		Printed: May 24, 2016				

Amphenol FCI

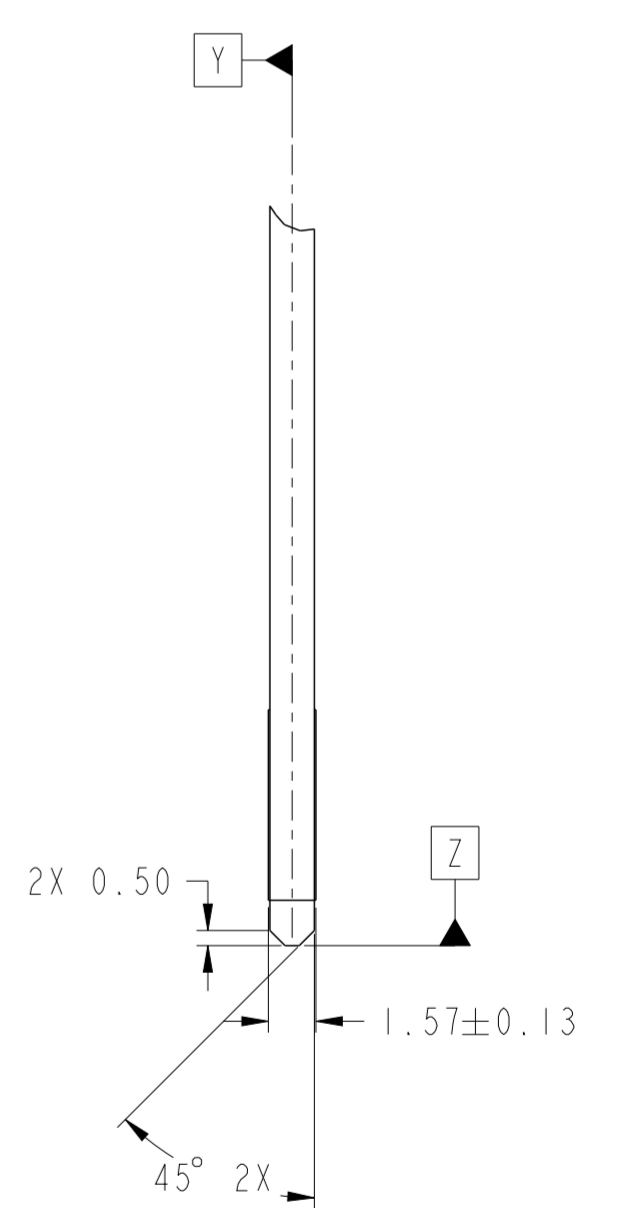
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CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 1 (HPCE / SOLDER TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
POWER & SIGNAL	TIN-LEAD	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.94 - 1.10
	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

CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 2 (HPCE / PRESS-FIT TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
POWER & SIGNAL	TIN-LEAD	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.65 - 0.80
	IMMERSION TIN	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	0.9 - 1.5um	0.70 - 0.80
	COPPER (SEE NOTE 8)	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	0.70 - 0.80



**RECOMMENDED MATING BOARD FOOTPRINT**



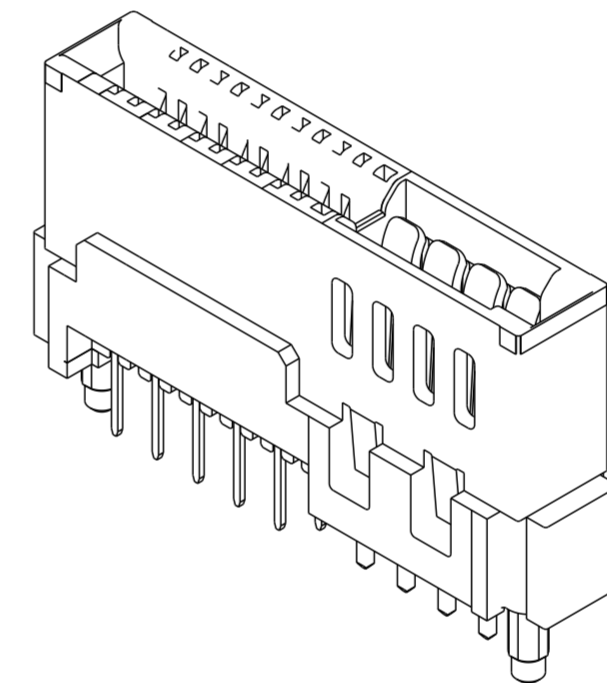
spec ref	-	dr	Wei-Long Zhang	2011/11/15	projection	MM	size	A2	scale	1:1
tolerance std	ASME Y14.5	eng	Sunny2 Liu	2016/05/05			ecn no	ELX-DG-24036-1	Product - Customer Drw	sheet 4 of 5
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Terris Liu	2016/05/20			rel level	Released		
surface	ASME Y14.5	appr	Pai-Ming Zheng	2016/05/24			product family	-		
linear	0.X ±0.3 0.XX ±0.10 0.XXX ±0.050			title VERT RECT (20S+8P) HIGH POWER CARD EDGE		dwg no 10119472	rev C			
angular	0° ±2°	PDS: Rev :C		STATUS:Released		Printed: May 24, 2016				

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HPCE PART NUMBER (TABLE 3)

PART NUMBER	TAIL TYPE	ORIENTATION KEY	DIM "A" TYPICAL TAIL LENGTH	DIM "B" RECOMMENDED BOARD THICKNESS
10119472-001LF	SOLDER	YES	3.17 ±0.25	1.59 - 2.38
10119472-002LF	SOLDER	NO		
10119472-003	PRESS-FIT	YES	3.17 ±0.25	1.57 MIN
10119472-003LF	PRESS-FIT	YES		
10119472-004	PRESS-FIT	NO		
10119472-004LF	PRESS-FIT	NO		



NOTES:

1. CONNECTOR MATERIALS:

HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK  
 UL 94V-0 COMPLIANT  
 CONTACTS: HIGH PERFORMANCE COPPER ALLOY.

2. CONTACT FINISH REF. GS-12-604 SECTION 5.2.

3. PRODUCT SPECIFICATION: GS-12-604.

4. APPLICATION SPECIFICATION: GS-20-128.

⑤. PRODUCT MARKING ON HOUSING IN AREA SHOWN MEETS AFCI SPECIFICATION: GS-24-007.

6. PACKAGING MEETS FCI SPECIFICATION GS-14-937.

⑦. HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.

⑧. COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.

⑨. ALL HOLE SIZES ARE FINISHED HOLE SIZES.

⑩. MOUNTING HOLES ARE UNPLATED  
 ∅ 2.40 +/- 0.1 FOR PRESS-FIT TAILS  
 ∅ 2.18 +/- 0.03 FOR SOLDER TAILS

11. A SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

spec ref	-	dr	Wei-Long Zhang	2011/11/15	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5	eng	Sunny2 Liu	2016/05/05		←	ecn no	ELX-DG-24036-1	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Terris Liu	2016/05/20						
surface	linear	appr	Pai-Ming Zheng	2016/05/24	VERT RECT (20S+8P) HIGH POWER CARD EDGE		dwg no	10119472	rev	C
ASME Y14.5	angular				cat. no.	-	Product - Customer Drw	sheet 5 of 5		