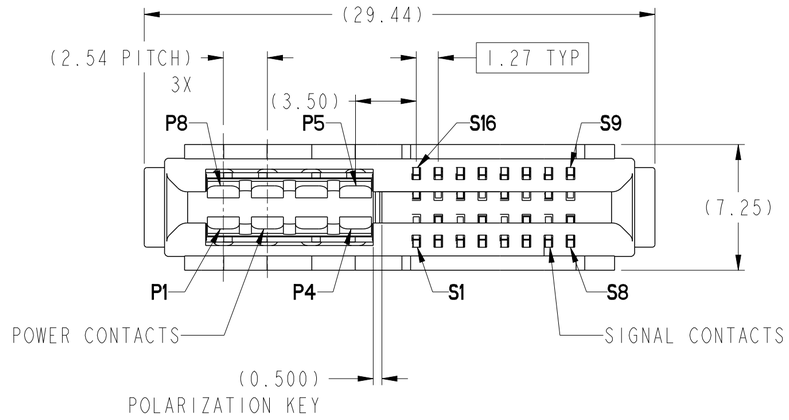
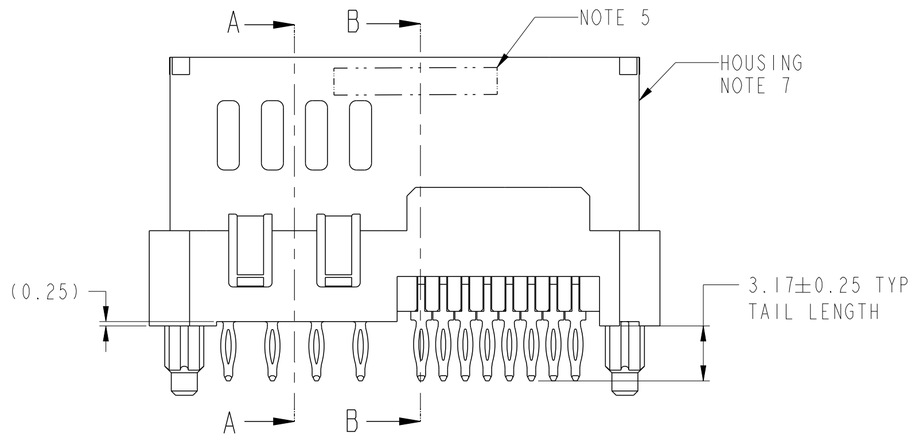
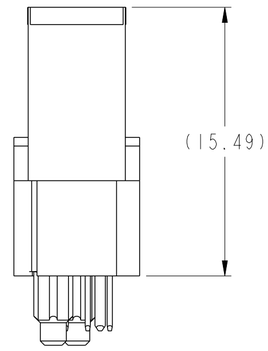
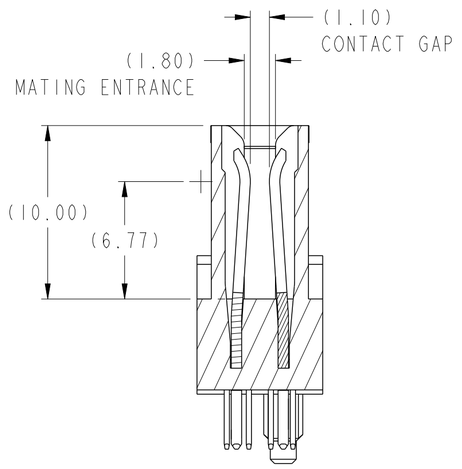
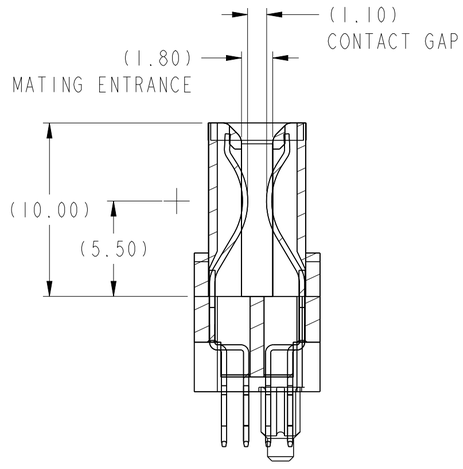








SECTION A-A
SCALE 4:1

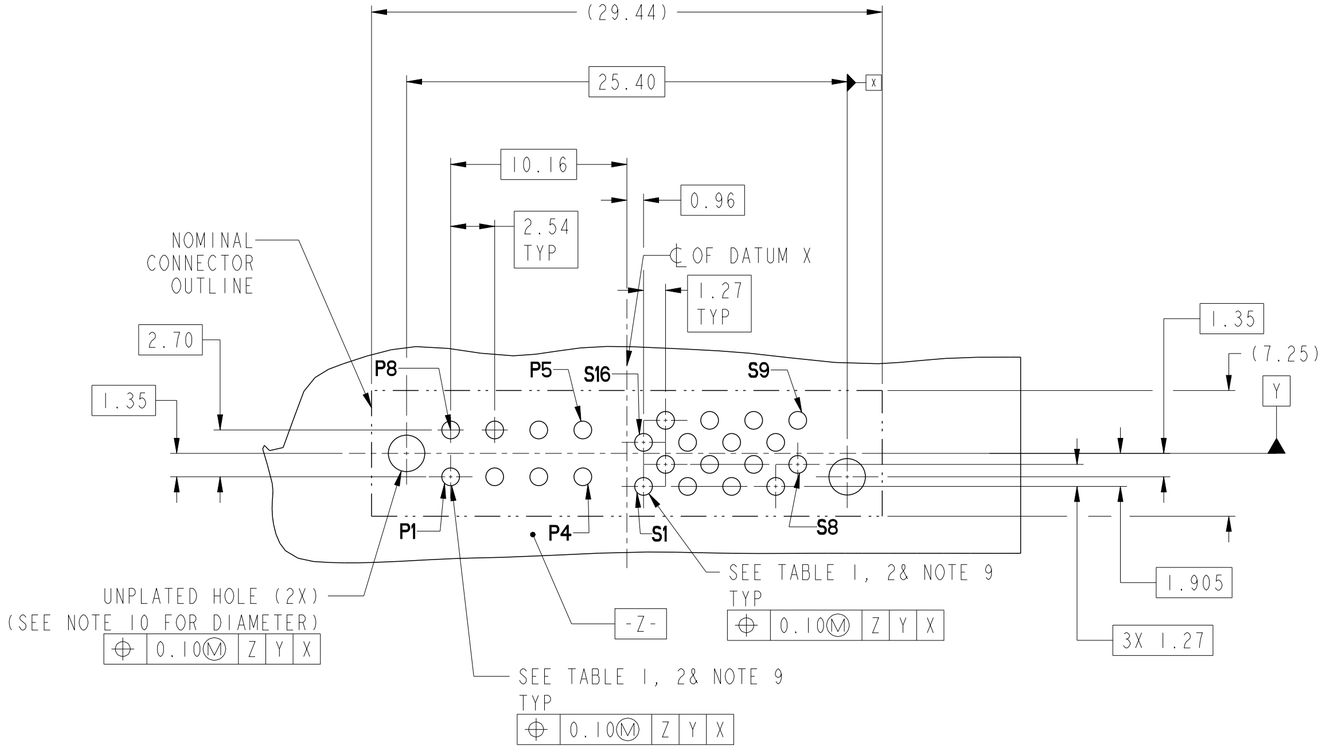


SECTION B-B
SCALE 4:1

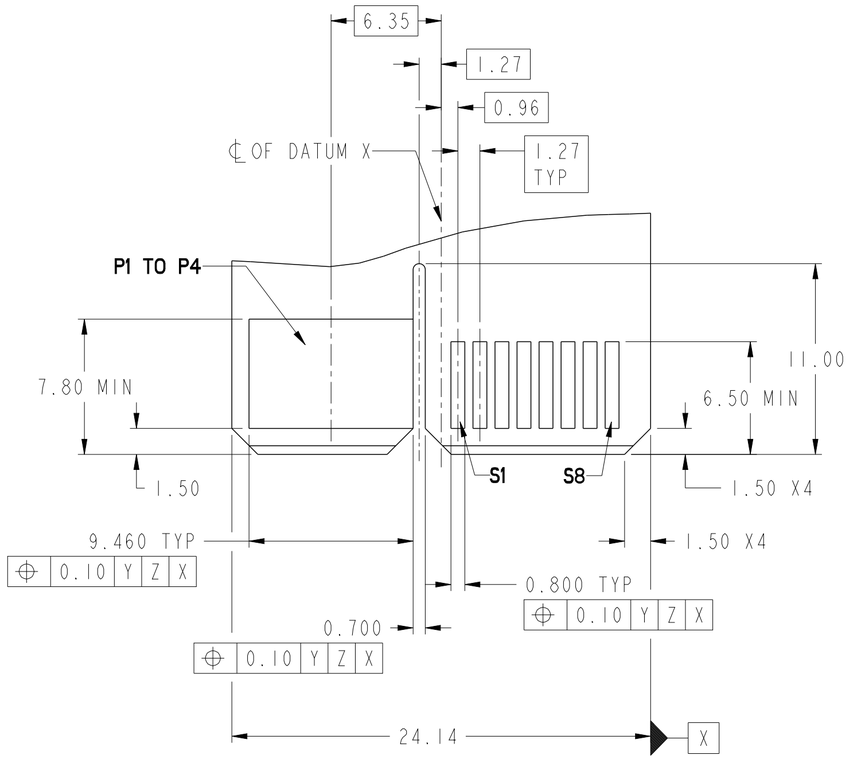
spec ref	-			dr	Wei-Long Zhang	2012/04/16	projection	mm	size A2	scale 1:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Sunny2 Liu	2016/05/05				
				chr	Terris Liu	2016/05/20			ecn no	ELX-DG-24036-1
				appr	Pei-Ming Zheng	2016/05/24	product family		rel level	Released
surface ISO 1302	linear	0.X	±0.3	Amphenol FCi	title	VERT RECT 8P + 16S HIGH POWER CARD EDGE			dwg no	10120798	rev B
		0.XX	±0.10							
		0.XXX	±0.05							
	angular	0°	±2°		cat. no.		Product - Customer Drw		sheet 1 of 4	

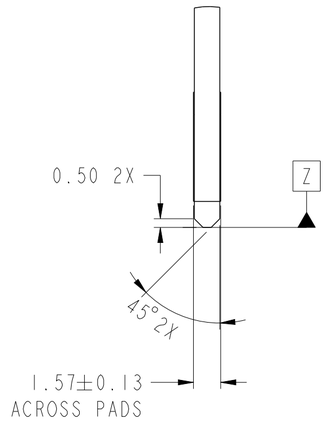
CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 1 (HPCE / SOLDER TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
POWER & SIGNAL	TIN-LEAD	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.94 - 1.10
	IMMERSION TIN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



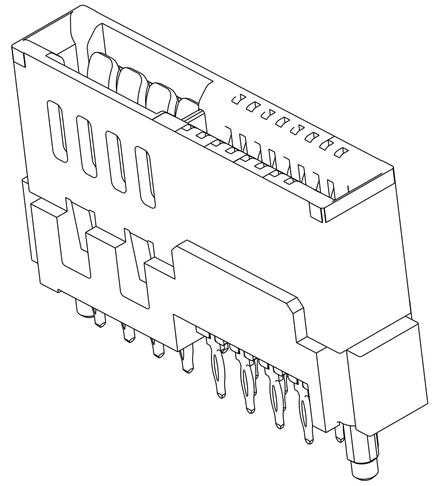
spec ref	-		dr	Wei-Long Zhang	2012/04/16	projection	mm
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Sunny2 Liu	2016/05/05	size A2	scale 1:1
			chr	Terris Liu	2016/05/20	ecn no	ELX-DG-24036-1
			appr	Pei-Ming Zheng	2016/05/24	product family	rel level Released
surface ISO 1302	linear	0.X ±0.3	Amphenol FCi	title	VERT RECT 8P + 16S HIGH POWER CARD EDGE	dwg no	10120798 rev B
		0.XX ±0.10					
		0.XXX ±0.05					
	angular	0° ±2°		cat. no.		Product - Customer Drw	sheet 2 of 4





spec ref	-			dr	Wei-Long Zhang	2012/04/16	projection
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Sunny2 Liu	2016/05/05	mm
				chr	Terris Liu	2016/05/20	size A2 / scale 1:1
				appr	Pei-Ming Zheng	2016/05/24	ecn no ELX-DG-24036-1
surface ISO 1302	linear	0.X	±0.3	Amphenol FCi	title: VERT RECT 8P + 16S HIGH POWER CARD EDGE		product family / rel level Released
		0.XX	±0.10				dwg no 10120798 / rev B
		0.XXX	±0.05				
	angular	0°	±2°		cat. no.	Product - Customer Drw	sheet 3 of 4

HPCE PART NUMBER (TABLE 3)				
PART NUMBER	TAIL TYPE	ORIENTATION KEY	DIM "A" TYPICAL TAIL LENGTH	DIM "B" RECOMMENDED BOARD THICKNESS
10120798-001LF	SOLDER	YES	3.17 ±0.25	1.59 - 2.38
10120798-002LF	SOLDER	NO		
10120798-003LF	PRESS-FIT	YES	3.17 ±0.25	1.57 MIN
10120798-004LF	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.

B 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
    Ø 2.40 +/- 0.1 FOR PRESS-FIT TAILS
    Ø 2.10 +/- 0.1 FOR SOLDER TAILS

11. PRESS FIT APPLICATION TOOL DRAWING : 10119453.

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

spec ref	-	dr	Wei-Long Zhang	2012/04/16	projection: mm; size: A2; scale: 1:1
tolerance std: ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Sunny2 Liu	2016/05/05	
		chr	Terris Liu	2016/05/20	ecn no: ELX-DG-24036-1
		appr	Pei-Ming Zheng	2016/05/24	product family; rel level: Released

surface: ISO 1302	linear	0.X	±0.3
		0.XX	±0.10
		0.XXX	±0.05
	angular	0°	±2°

Amphenol FCi

title: VERT RECT 8P + 16S HIGH POWER CARD EDGE

dwg no: 10120798 rev: B

cat. no. | Product - Customer Drw | sheet 4 of 4