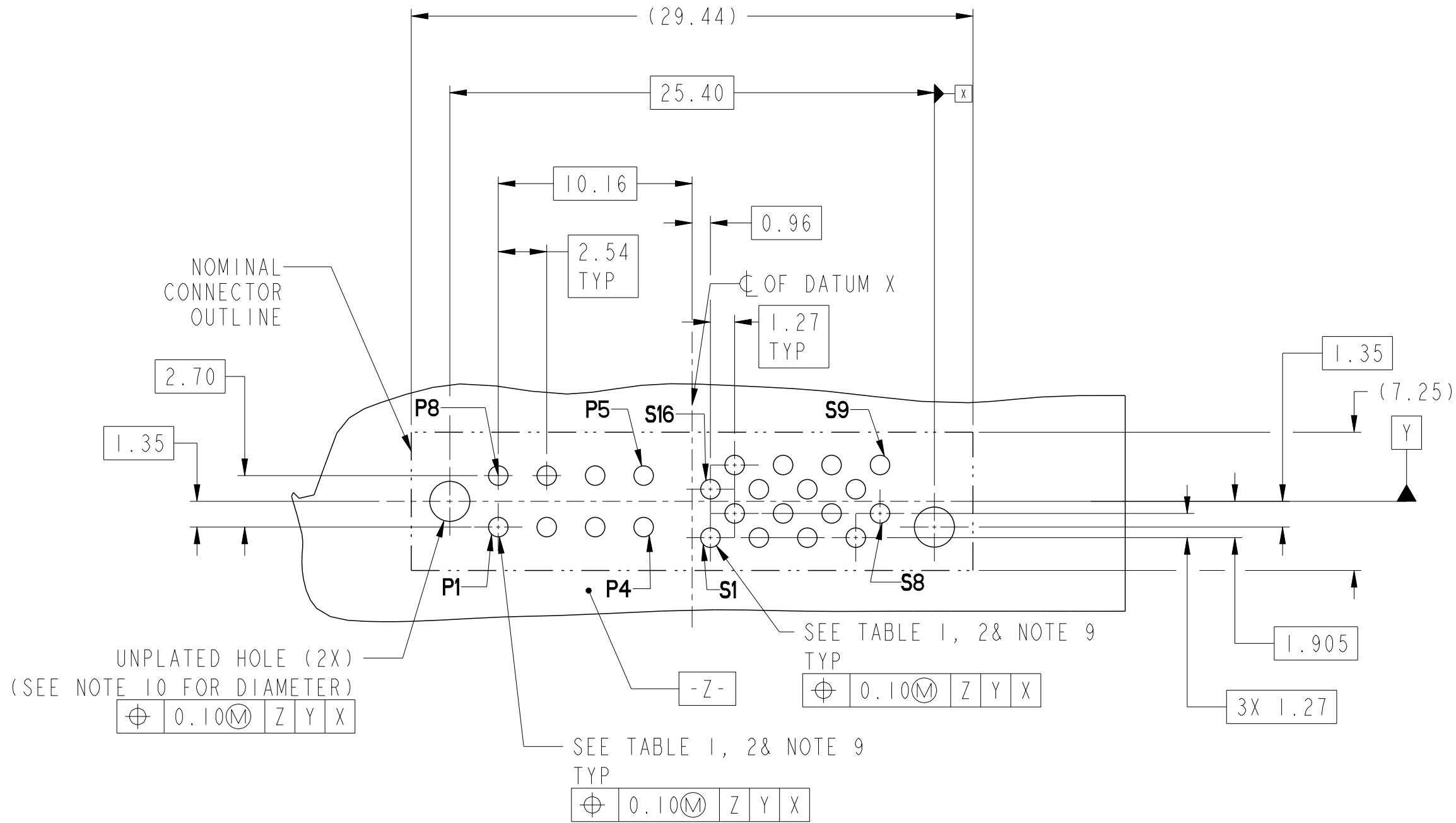


SECTION B-B  
SCALE 4:1

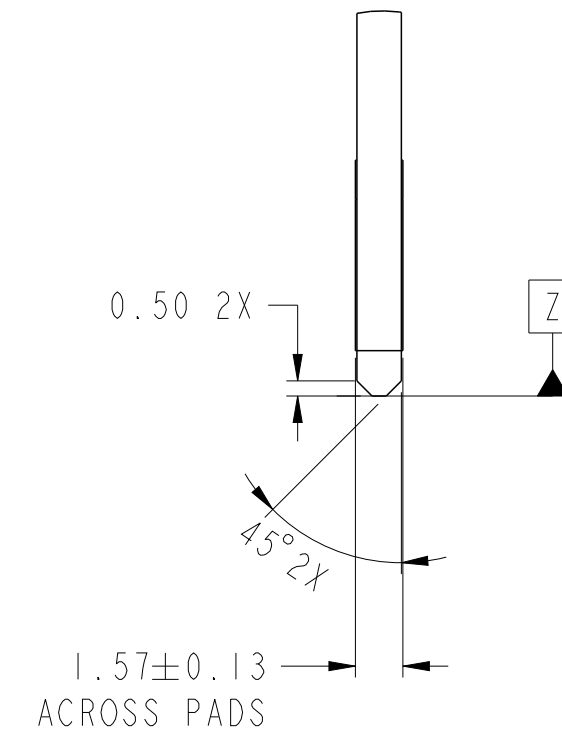
Printed: May 24, 2016



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

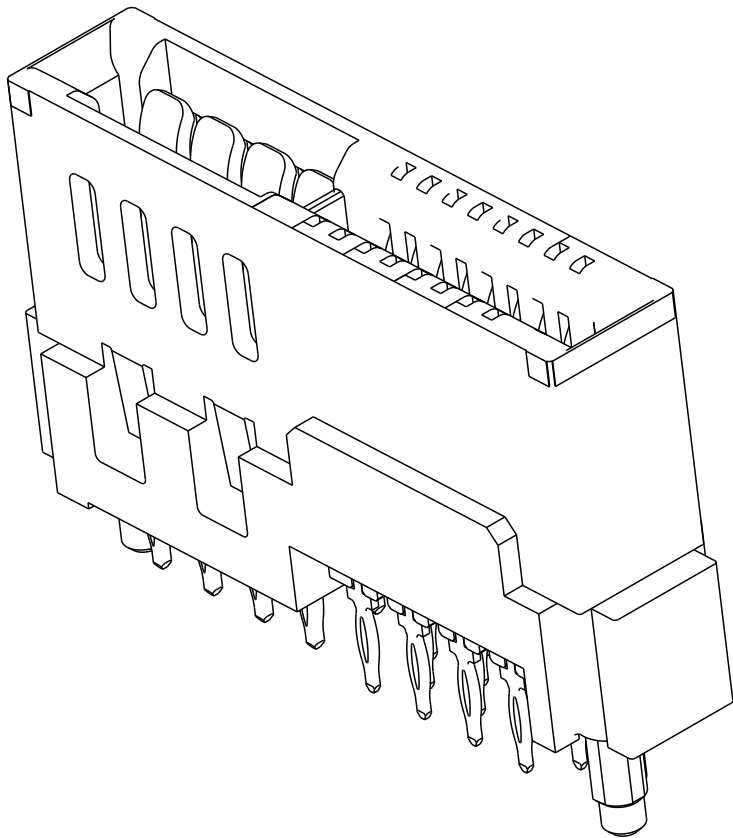


spec ref -		dr Wei-Long Zhang		2012/04/16		<div>projection</div>	<div>mm</div>	size A2		scale 1:1			
tolerance std ISO 406 ISO 1101		eng Sunny2 Liu		2016/05/05				ecn no ELX-DG-24036-1					
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr Terris Liu		2016/05/20				rel level Released					
		appr Pei-Ming Zheng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









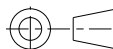
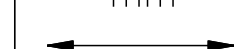


spec ref		-		dr		Wei-Long Zhang		2012/04/16		projection		size		scale					
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Sunny2 Liu		2016/05/05						A2		1:1			
ISO 406				chr		Terris Liu		2016/05/20						ecn no		ELX-DG-24036-1			
ISO 1101				appr		Pai-Ming Zheng		2016/05/24		product family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

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.
-  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  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				size A2		scale 1:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Sunny2 Liu		2016/05/05				ecn no ELX-DG-24036-1			
ISO 406				chr Terris Liu		2016/05/20				rel level Released			
ISO 1101				appr Pei-Ming Zheng		2016/05/24				product family			
surface			linear			title VERT RECT 8P + 16S HIGH POWER CARD EDGE		dwg no 10120798		rev B			
ISO 1302													
		angular	0°	±2°	cat. no.		Product - Customer Drw				sheet 4 of 4		