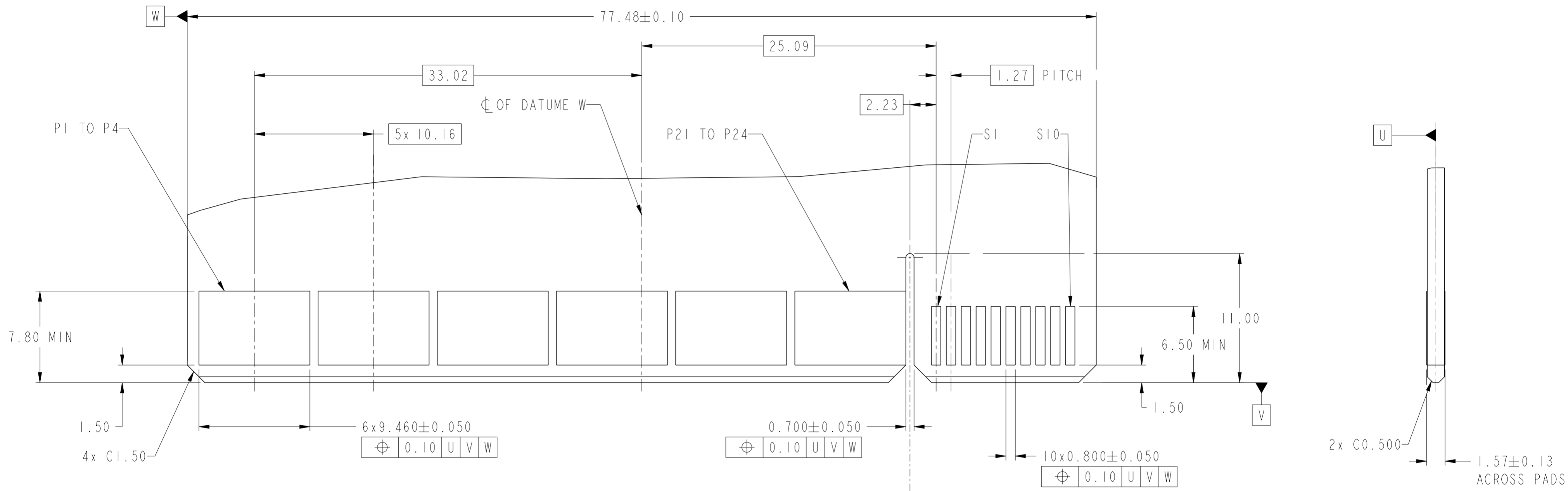


spec ref	-	dr	Feng Zheng	2017/02/09	projection	mm	size	A2	scale	1:1
tolerance std	ISO 406 ISO 1101	eng	Feng Zheng	2017/03/03	chr	Terris Liu	ecn no	-		
		appr	Pei-Ming Zheng	2017/03/03	product family		rel level	Released		
surface	ISO 1302	linear	0.X ±0.5 0.XX ±0.25 0.XXX ±0.10	angular	0° ±2°	Amphenol FCi	title	HPCE VERT RECEPT 12HP20S	cat. no.	
							dwg no	10142587	rev	A
								Product - Customer Drw	sheet 1 of 4	



RECOMMENDED MATING BOARD
DIMENSION TOERANCE IS $\pm 0.05\text{MM}$



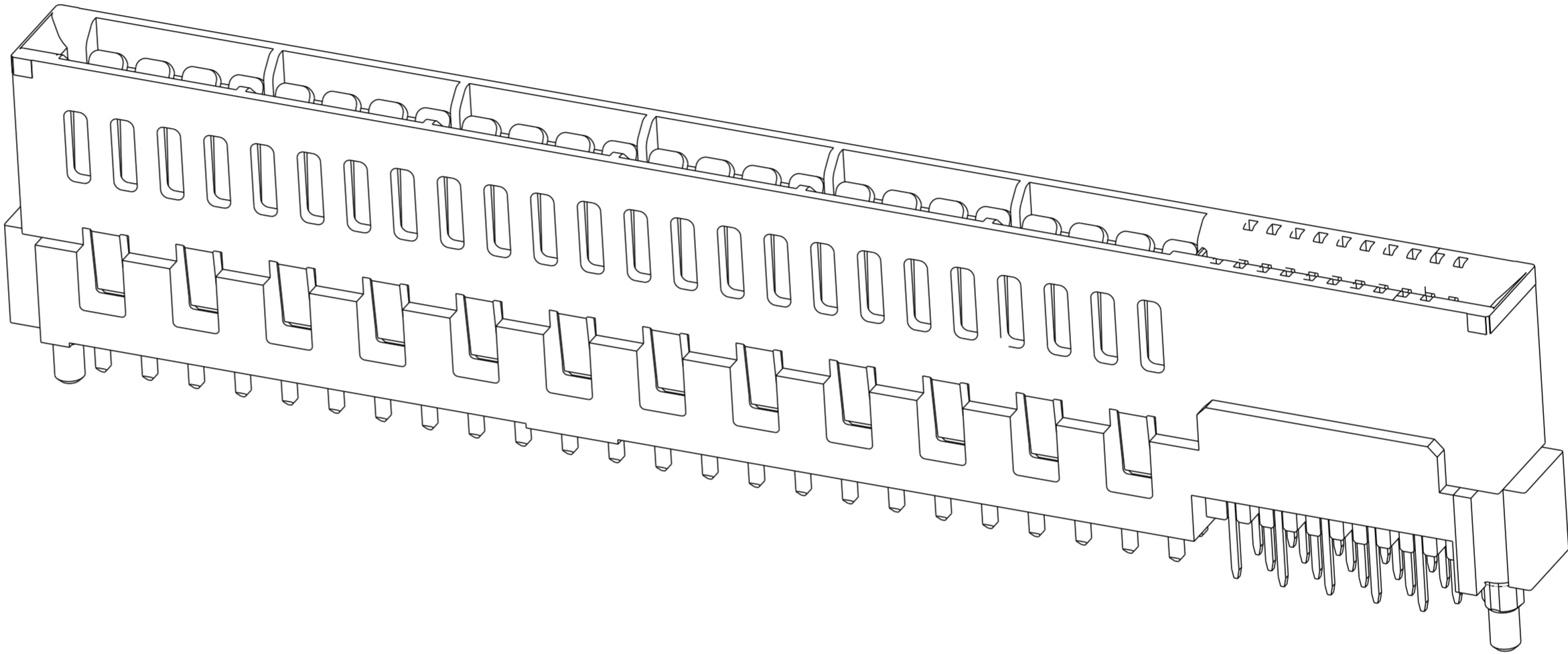
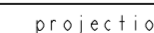

spec ref -				dr Feng Zheng		2017/02/09		projection		mm		size A2		scale 1:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Feng Zheng		2017/03/03						ecn no -		rel level Released			
ISO 406																	
ISO 1101																	
				chr Terris Liu		2017/03/03		product family									
				appr Pei-Ming Zheng		2017/03/03											
surface		linear		Amphenol FCi		title HPCE VERT RECEPT						dwg no 10142587		rev A			
																0.X ±0.5	
																0.XX ±0.25	
		0.XXX ±0.10															
ISO 1302		angular 0° ±2°				cat. no.		Product - Customer Drw						sheet 3 of 4			

TABLE 2 HPCE PART NUMBER				
PART NUMBER	TAIL TYPE	POLARIZATION KEY	TAIL LENGTH	DIM D RECOMMENDED BOARD THICKNESS
10142587-001LF	SOLDER	YES	2.40±0.25	1.57±0.13



NOTES:

- PRODUCT MARK:
PART NUMBER AND DATE CODE TO BE MARKED ON THIS SURFACE .
THE MARK CAN BE OMITTED IF THERE IS NOT ENOUGH SPACE ON THIS SURFACE.
- MATERIALS:
HOUSING : HIGH TEMPERATURE THERMOPLASTIC WITH GLASS FIBER, UL94V-0, BLACK.
CONTACT : HIGH CONDUCTIVITY COPPER ALLOY.
- CONTACT FINISH REF: GS-12-604 SECTION 5.2.
- DENOTES CONNECTOR KEEP OUT ZONE.
- ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.
- MOUNTING HOLES ARE UNPLATED
Ø 2.18 +/- 0.03 FOR WAVE SOLDER PROCESS
- THE HOUSING WILL WITHSTAND EXPOSURE TO 245°C PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
- PRODUCT SPECIFICATION : GS-12-604.
APPLICATION SPECIFICATION : GS-20-128.
PACKAGING SPECIFICATION: GS-14-937.

spec ref -		dr Feng Zheng		2017/02/09				size A2	scale 1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng Feng Zheng		2017/03/03				ecn no -	rel level Released
ISO 406		chr Terris Liu		2017/03/03					
ISO 1101		appr Pei-Ming Zheng		2017/03/03					
				product family					
surface	linear	0.X	±0.5	Amphenol FCI	title HPCE VERT RECEPT	dwg no 10142587	rev A		
		0.XX	±0.25						
		0.XXX	±0.10						
	angular	0°	±2°						
ISO 1302				cat. no.	Product - Customer Drw		sheet 4 of 4		