

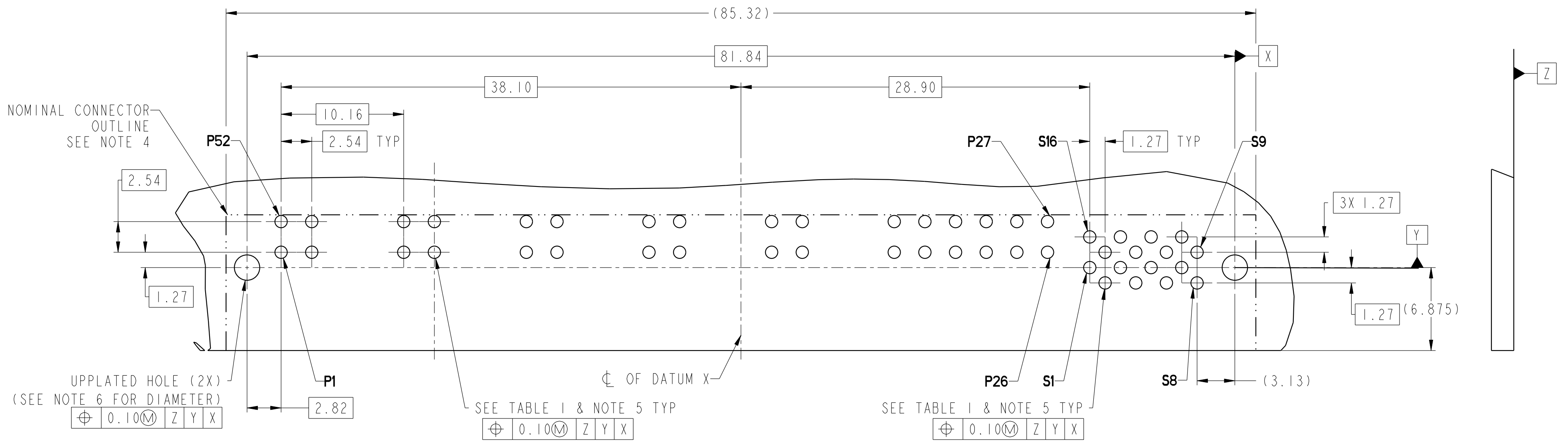
spec ref	-	dr	Leborn Luo	2017/09/22	projection	MM	size	A2	scale	4:1		
tolerance std	ISO 406 ISO 1101	eng	Leborn Luo	2017/10/11			ecn no	-	rel level	Released		
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Kaka Zhang	2017/10/11								
surface	linear	0.X	±0.50		product family		HPCE R/A REC 26LP16S OMITTED 10LP	cat. no.	Product - Customer Drw	sheet 1 of 4		
		0.XX	±0.25		dwg no	10145584					rev	A
	angular	0°	±2°		apppr	Pei-Ming Zheng					2017/10/11	

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TABLE I (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
		TIN-LEAD	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	0.005 - 0.015	--
POWER & SIGNAL	IMMERSION TIN	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	--	0.9 - 1.5um	0.94 - 1.10
	COPPER	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	--	--	0.94 - 1.10



RECOMMENDED PCB LAYOUT

spec ref	-	dr	Leborn Luo	2017/09/22	projection	MM	size	A2	scale	4:1
tolerance std	ISO 406 ISO 1101	eng	Leborn Luo	2017/10/11			ecn no	-	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Kaka Zhang	2017/10/11						
surface	linear	0.X	±0.50		HPCE R/A REC 26LP16S OMITTED IOLP	cat. no.	Product - Customer Drw	sheet 2 of 4	rev A	
		0.XX	±0.25							
		0.XXX	±0.10							
	angular	0°	±2°							

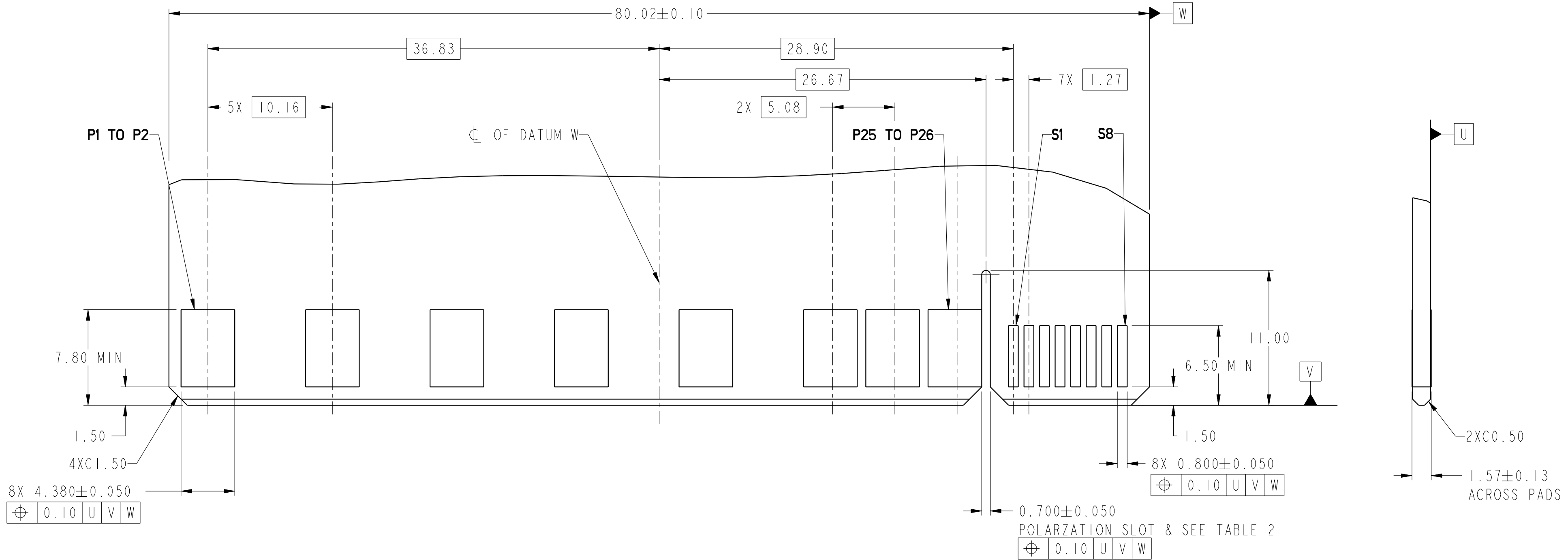
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Creo File - REV E - 2016-02-12

1 2 3 4 5 6 7 8

A B C D E F



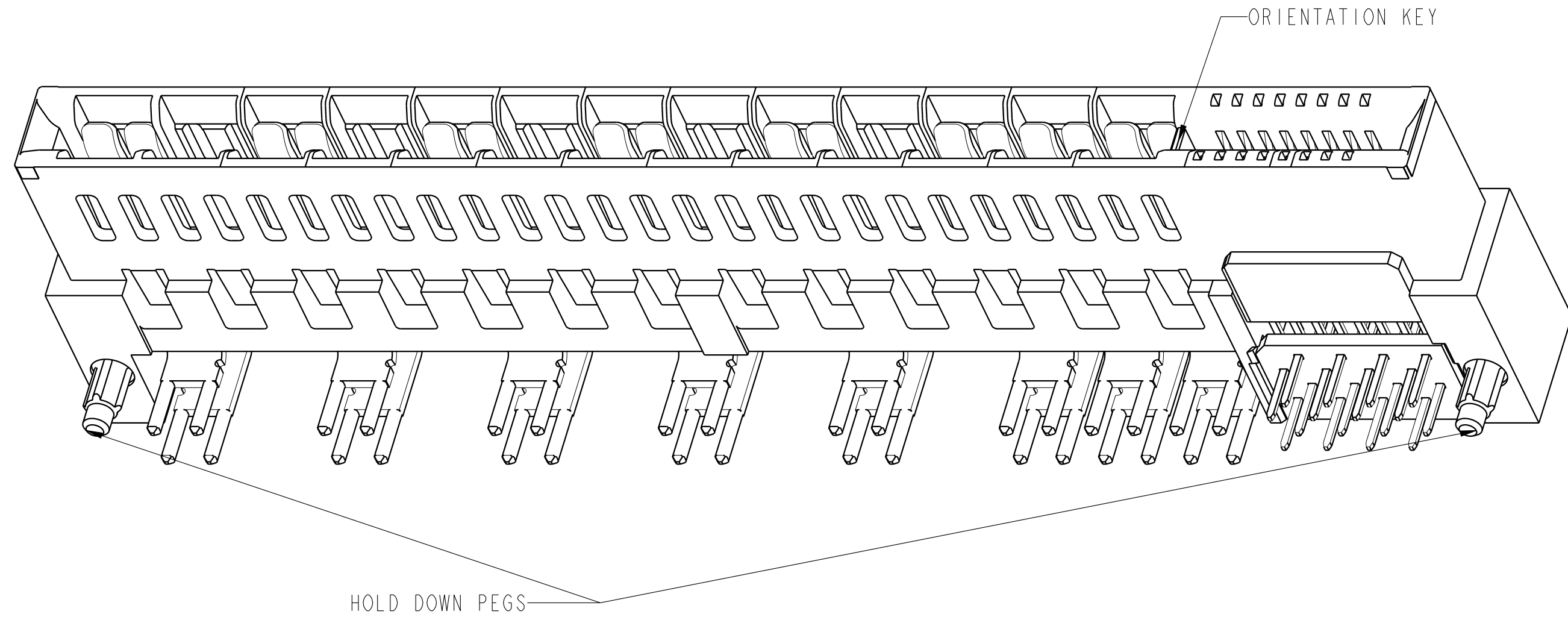
RECOMMENDED MATING BOARD FOOTPRINT

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spec ref	-	dr	Leborn Luo	2017/09/22	projection	MM	size	A2	scale	4:1
tolerance std	ISO 406 ISO 1101	eng	Leborn Luo	2017/10/11			ecn no	-	rel level	
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Kaka Zhang	2017/10/11			Released			
surface	ISO 1302	appr	Pei-Ming Zheng	2017/10/11	product family	-	rel level	Released	-	
linear	0.X ±0.50 0.XX ±0.25 0.XXX ±0.10				title HPCE R/A REC 26LP16S OMITTED IOLP		dwg no	10145584		rev
angular	0° ±2°	cat. no.			Product - Customer Drw		sheet 3 of 4		A	

HPCE PART NUMBER (TABLE 2)					
PART NUMBER	TAIL TYPE	HOLD-DOWN OPTION	ORIENTATION KEY	DIM "T" TYPICAL TAIL LENGTH	
I0145584-001LF	SOLDER TAIL	YES	YES	2.60±0.25	
I0145584-002LF			NO		
I0145584-003LF		NO	YES		
I0145584-004LF			NO		
I0145584-005LF	SOLDER TAIL	YES	YES		3.25±0.25
I0145584-006LF			NO		
I0145584-007LF		NO	YES		
I0145584-008LF			NO		



NOTES:

- ① 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.
2. MATERIALS:
-HOUSING : HIGH TEMPERATURE THERMOPLASTIC WITH GLASS FIBER, UL94V-0, BLACK.
-CONTACT : COPPER ALLOY.
3. CONTACT FINISH REF: GS-12-604 SECTION 5.2.
- ④ DENOTES CONNECTOR KEEP OUT ZONE.
- ⑤ ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.
- ⑥ MOUNTING HOLES ARE UNPLATED
Ø2.18 +/- 0.03 FOR SOLDER TAILS
7. THE HOUSING WILL WITHSTAND EXPOSURE TO 245°C PEAK TEMPERATURE FOR 10 SECONDS
IN A WAVE SOLDER APPLICATION .
8. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY
REGULATIONS AS DESCRIBED IN GS-47-0004.
9. PRODUCT SPECIFICATION : GS-12-604.
APPLICATION SPECIFICATION : GS-20-128.
PACKAGING SPECIFICATION: GS-14-937.

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TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Kaka Zhang	2017/10/11			Released			
surface	linear	appr	Pei-Ming Zheng	2017/10/11	product family	-	dwg no	I0145584	rev	A
ISO 1302	angular			HPCE R/A REC 26LP16S OMITTED IOLP		cat. no.	-	Product - Customer Drw	sheet 4 of 4	