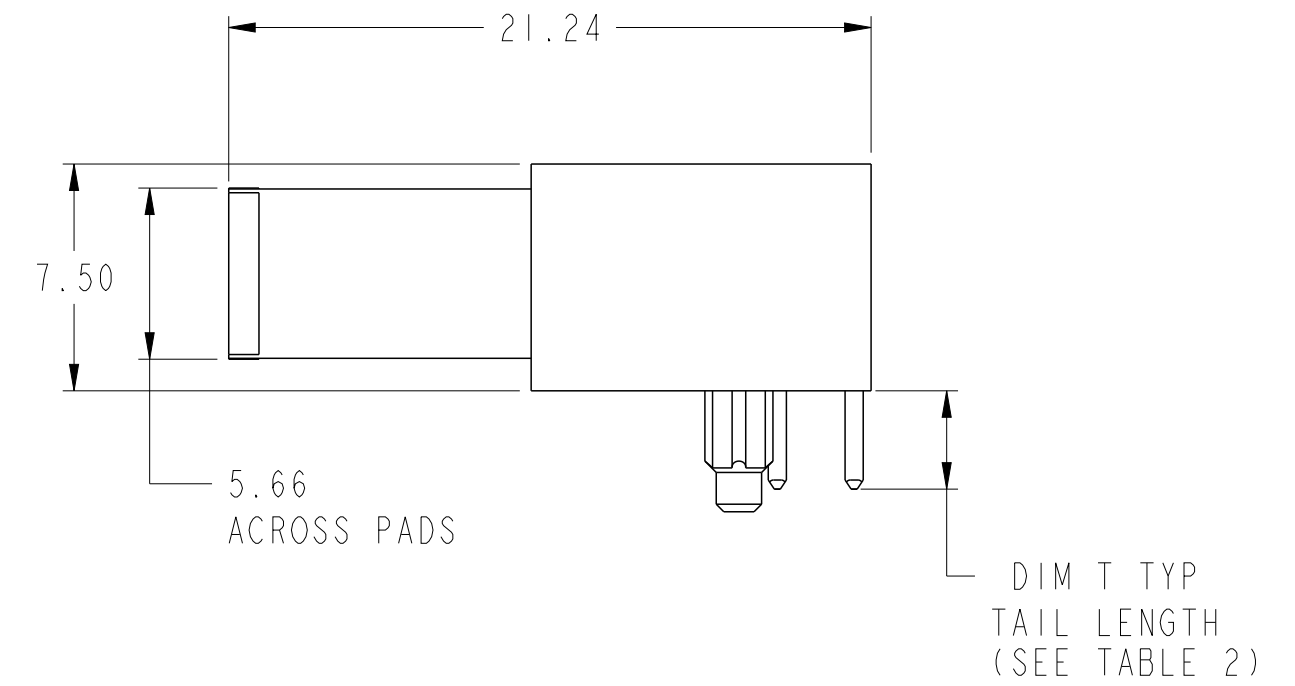
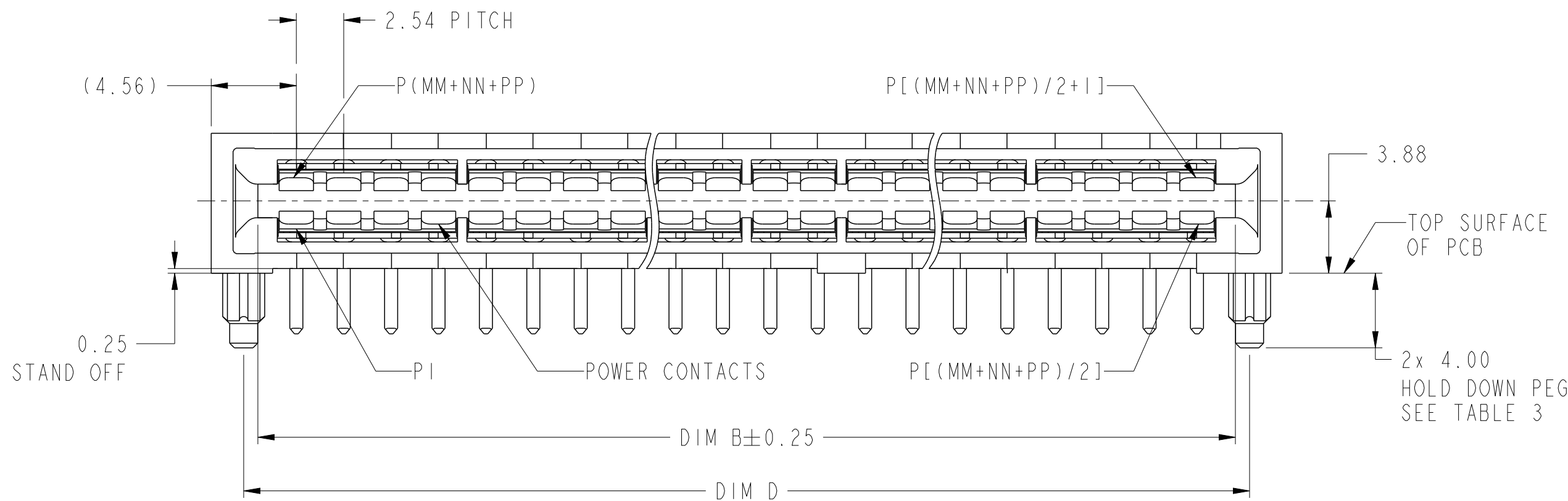
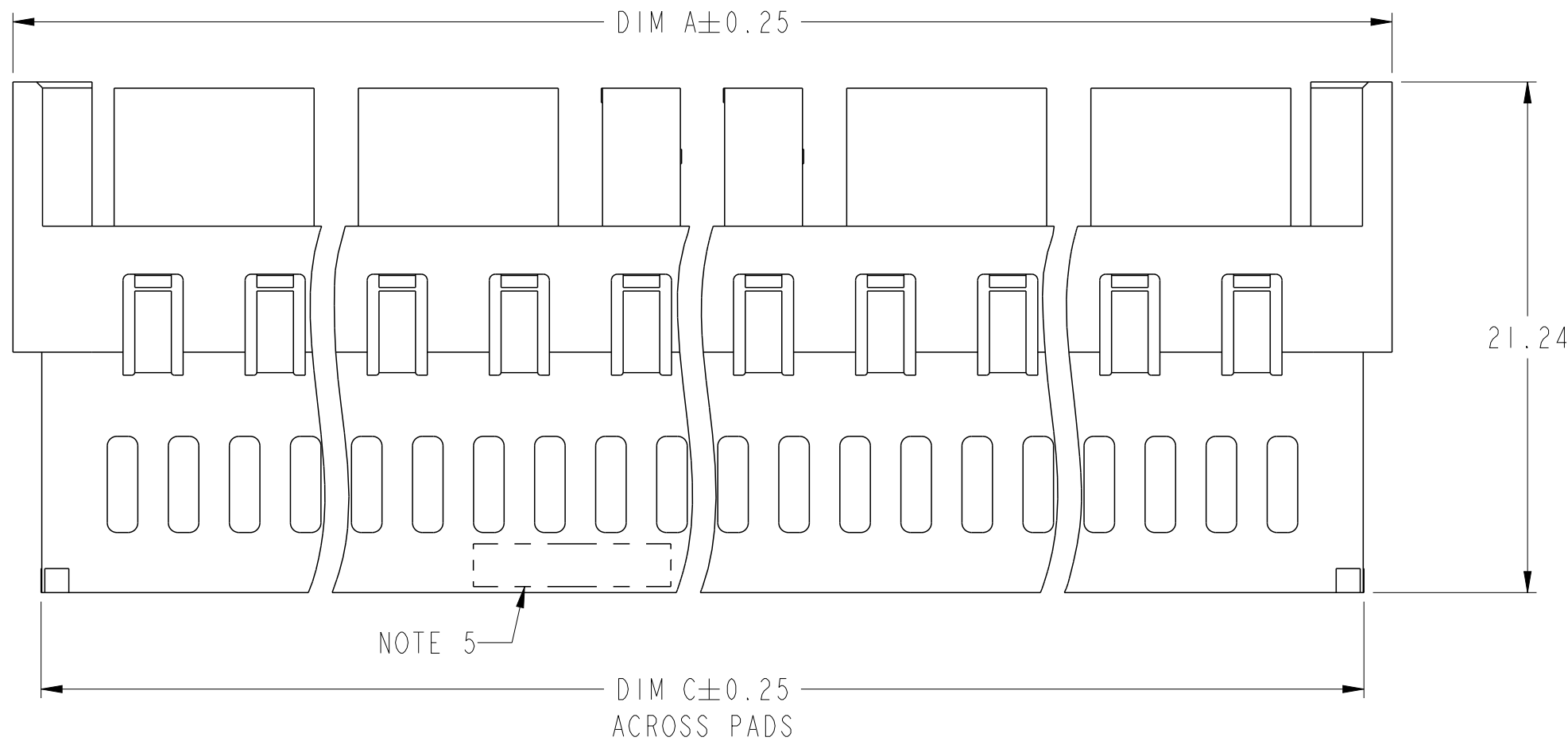
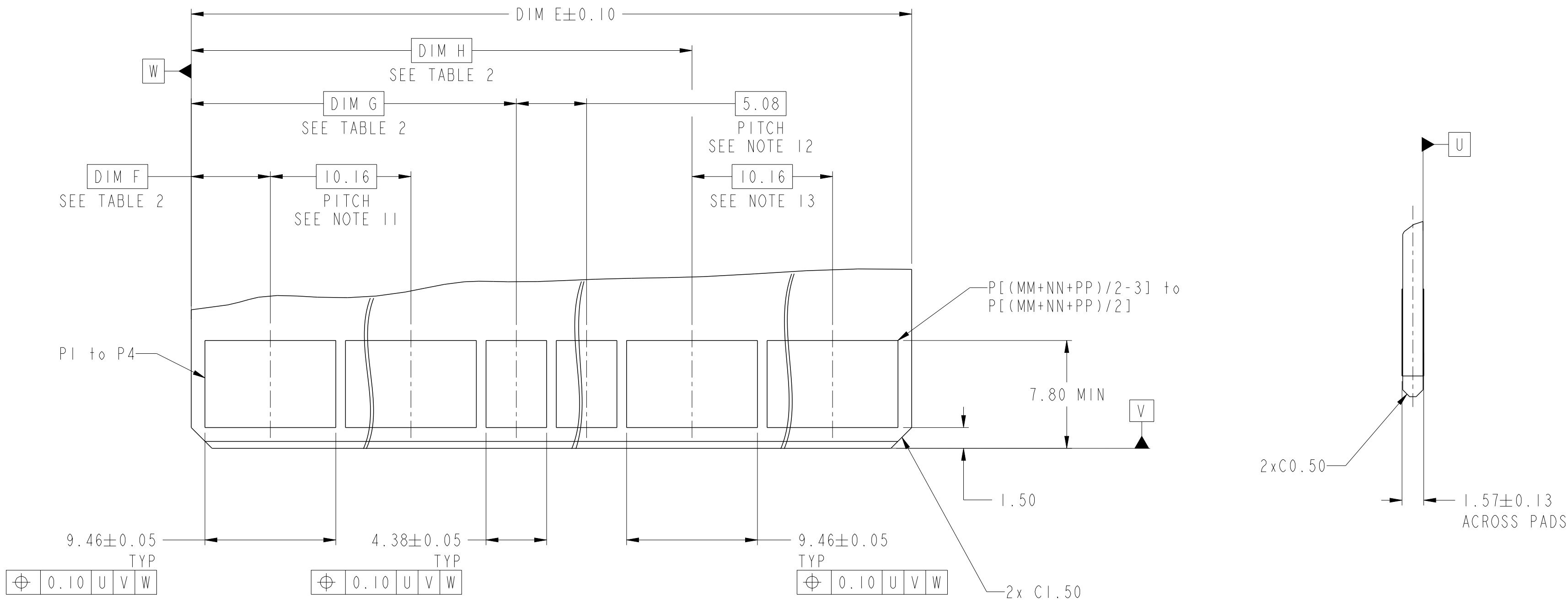




spec ref		-	dr		De-Ming Lu	2014/02/18	projection		MM		size	A2	scale	4:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED	eng		Sunny2 Liu	2016/05/20					ecn no	ELX-DG-24133-1			
ISO 406 ISO 1101			chr		Terris Liu	2016/06/16					rel level			Released	
			appr		Pei-Ming Zheng	2016/06/16	product family								
surface			linear	0.X	±0.5	Amphenol FCI	title	HPCE RA RECEPTACLE UNIVERSAL DRAWING-ALL POWER			dwg no	10128638		rev	B
				0.XX	±0.25										
				0.XXX	±0.10										
ISO 1302			angular	0°	±2°		cat. no.	Product - Customer Drw			sheet 1 of 4				



RECOMMENDED MATING BOARD FOOT PRINT

spec ref		-		dr		De-Ming Lu		2014/02/18		projection		MM		size		A2		scale		4:1			
tolerance std		ISO 406		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Sunny2 Liu		2016/05/20						ecn no		ELX-DG-24133-1					
ISO 1101				chr		Terris Liu		2016/06/16		2016/06/16		product family				rel level		Released					
surface		ISO 1302		linear		0.X		±0.5		Amphenol FCI		title		HPCE RA RECEPTACLE		dwg no		10128638		rev		B	
				0.XX		±0.25																	
				0.XXX		±0.10																	
		angular				±2°				cat. no.		Product - Customer Drw		sheet 3 of 4									

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 FCI SPECIFICATION GS-24-007.

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

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

8. ALL HOLE SIZES ARE FINISHED HOLE SIZES.

9. MOUNTING HOLES ARE UNPLATED
 $\varnothing$ 2.18 +/- 0.03 FOR SOLDER TAILS

10. MAXIUM OVERALL LENGTH IS 100mm.

11. DIM IS NOT APPLICABLE IF NO LEFT 4 BEAM CONTACT.

12. DIM IS NOT APPLICABLE IF NO 2 BEAM CONTACT.

13. DIM IS NOT APPLICABLE IF NO RIGHT 4 BEAM CONTACT.

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

10128638 - MM NN PP LF

LEAD FREE

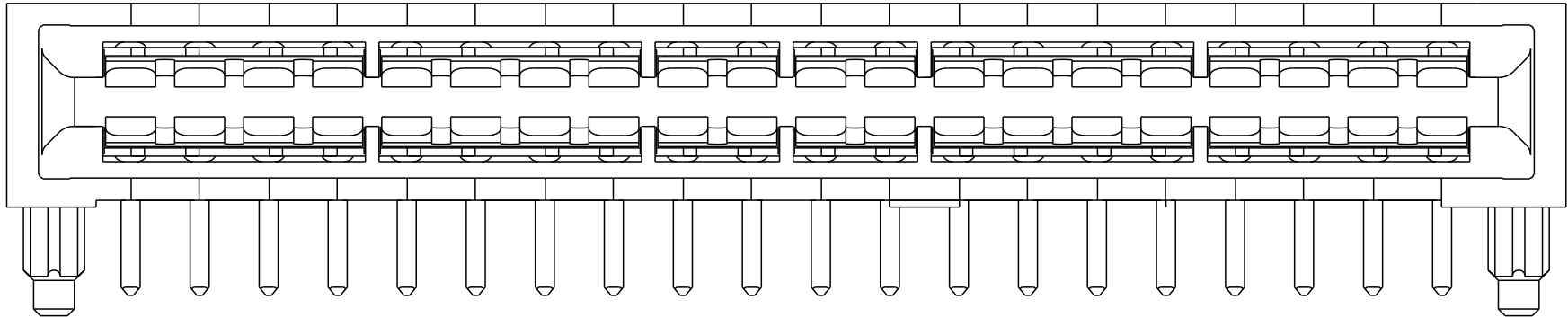
$\triangle B$

	A	B	C	D	E	F	G	H
Tail Length(DIM T)	2.60	2.60	3.25	3.25	4.05	4.05	4.85	4.85
Hold Down Option	Y	N	Y	N	Y	N	Y	N

4 BEAM PWR QTY
(NEXT TO LEFT END)

2 BEAM PWR QTY
(IN THE MIDDLE)

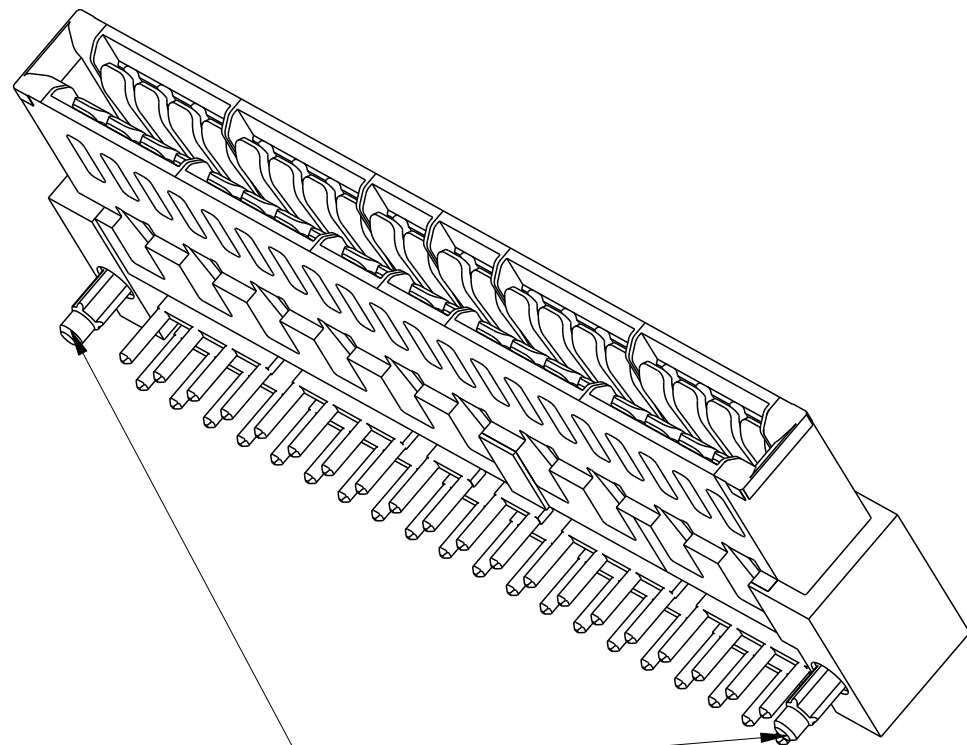
4 BEAM PWR QTY
(NEXT TO RIGHT END)



CONFIGURATION:

I: 4BEAM (NN = 00 AND PP = 00);
II: 2 BEAM (MM = 00 AND PP = 00);
III: 4 BEAM + 2 BEAM (PP = 00);
IV: 2 BEAM + 4 BEAM (MM = 00);
V: 4 BEAM + 2 BEAM + 4 BEAM.

Example: The Configuration above is 10128638-160816CLF
R/A RECEPTACLE 40P with Hold Down.
32P is 4 beam contacts, 8P is 2 beam contacts.



HOLD DOWN

EXAMPLE: 10128638-160816CLF

TABLE 3: PART NUMBER CODE FOR HPCE R/A RECEPTACLE P CONFIGURATION

DIM	TABLE 2: LENGTH FORMULAS	
DIM A $\textcircled{10}$	(MM + NN + PP) / 2 x 2.54 + 6.58	
DIM B	DIM A - 5.00	
DIM C	DIM A - 2.34	
DIM D	DIM A - 3.48	
DIM E	DIM A - 5.30	
DIM F	CONFIG. I	5.72
	CONFIG. II	-
	CONFIG. III	5.72
	CONFIG. IV	-
	CONFIG. V	5.72
DIM G	CONFIG. I	-
	CONFIG. II	3.18
	CONFIG. III	(MM / 8 - 1) x 10.16 + 13.34
	CONFIG. IV	3.18
	CONFIG. V	(MM / 8 - 1) x 10.16 + 13.34
DIM H	CONFIG. I	-
	CONFIG. II	-
	CONFIG. III	-
	CONFIG. IV	(NN / 4 - 1) x 5.08 + 10.80
	CONFIG. V	(MM / 8 - 1) x 10.16 + (NN / 4 - 1) x 5.08 + 20.96
DIM T	2.60, 3.25, 4.05 or 4.85	

spec ref		-		dr	De-Ming Lu	2014/02/18			size	A2	scale	4:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Sunny2 Liu	2016/05/20							
ISO 406 ISO 1101				chr	Terris Liu	2016/06/16							
				appr	Pei-Ming Zheng	2016/06/16	product family			ecn no	ELX-DG-24133-1		
										rel level	Released		
surface	linear	0.X	±0.5	Amphenol FCI	title	HPCE RA RECEPTACLE UNIVERSAL DRAWING-ALL POWER			dwg no	10128638		rev	B
		0.XX	±0.25										
		0.XXX	±0.10										
	angular	0°	±2°										
ISO 1302				cat. no.	Product - Customer Drw			sheet 4 of 4					