




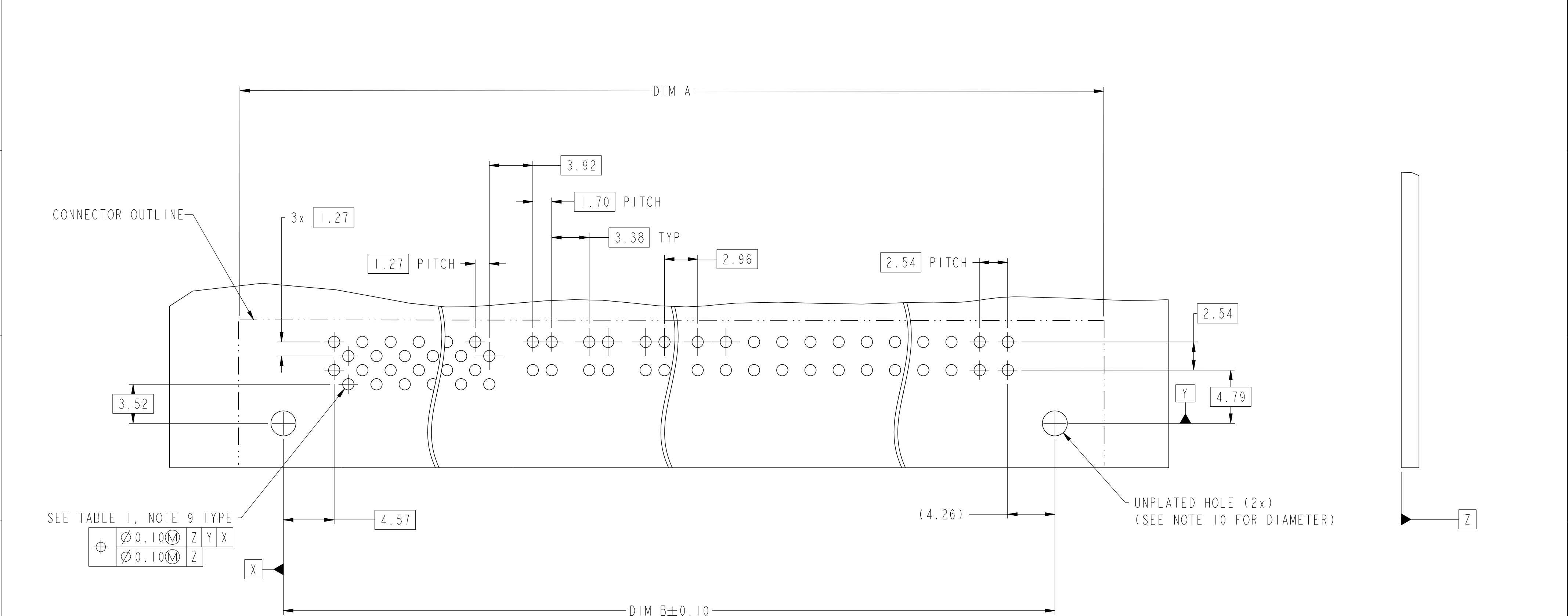
spec ref		dr		Hai-Ling Liu	2015/03/30	projection				MM		size		A2	scale		1:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Hai-Ling Liu	2015/05/11	chr		Terris Liu	2015/05/11	ecn no		-	rel level		Released	
		appr				Pei-Ming Zheng	2015/05/11	product family				-								
surface		linear	0.X		±0.5			title	HPCE BTB RAH				dwg no	10134214				rev	A	
			0.XX		±0.25				UNIVERSAL DRAWING											
			0.XXX		±0.1															
		angular	0°		±2°															
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PDS: Rev :A




STATUS:Released

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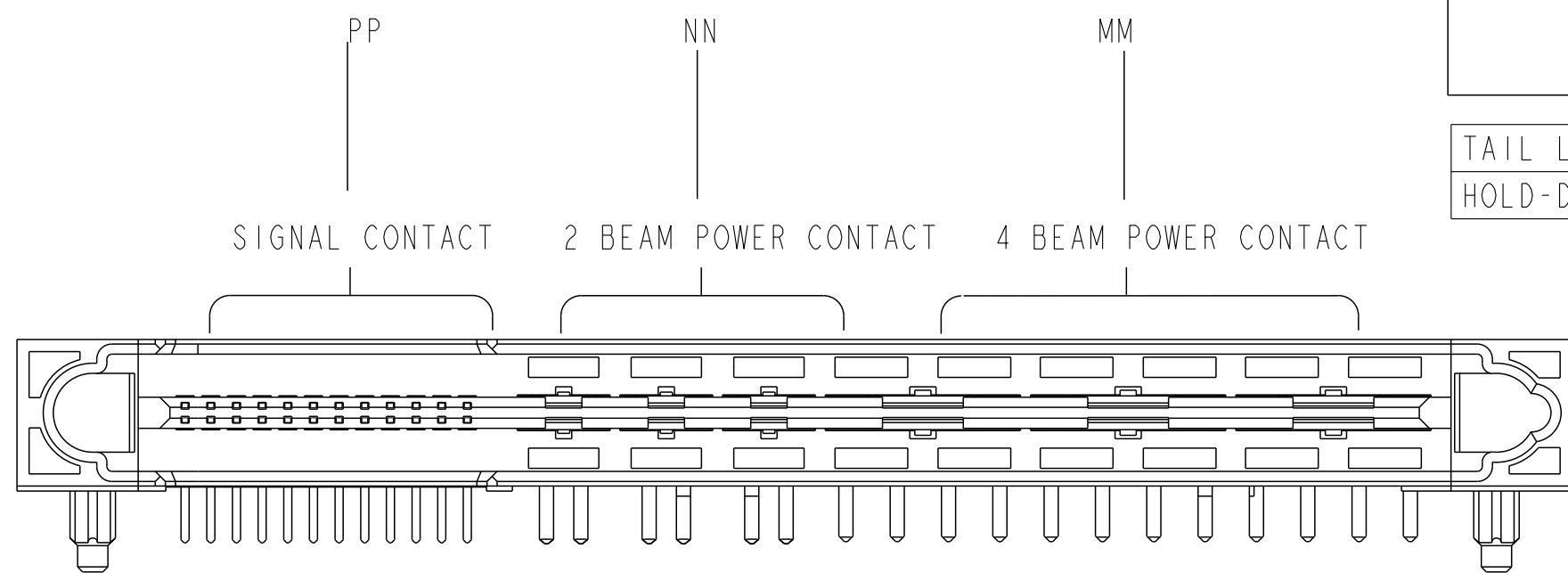
CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 1 (HPCE / SOLDER TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
POWER	TIN-LEAD	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.94 - 1.10
	IMMERSION TIN	1.10-1.16 (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
SIGNAL	TIN-LEAD	0.93-0.99 (0.98 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.77 - 0.93
	IMMERSION TIN	0.93-0.99 (0.98 DRILL)	0.025 - 0.050	--	0.9 - 1.5um	0.77 - 0.93
	COPPER (SEE NOTE 8)	0.93-0.99 (0.98 DRILL)	0.025 - 0.050	--	--	0.77 - 0.93



TOP SURFACE
RECOMMENDED PCB LAYOUT

dr	Hai-Ling Liu	2015/03/30	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A2	scale	1:1
eng	Hai-Ling Liu	2015/05/11			ecn no	-		
chr	Terris Liu	2015/05/11			rel level			Released
appr	Pei-Ming Zheng	2015/05/11	product family		-			
		title			dwg no	10134214		rev
HPCE BTB RAH UNIVERSAL DRAWING								
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10134214 - MM NN PP LF



	A	B	C	D
TAIL LENGTH(DIM T)	2.60	3.25		
HOLD-DOWN PEGS OPTION	Y	N	Y	N

LEAD FREE

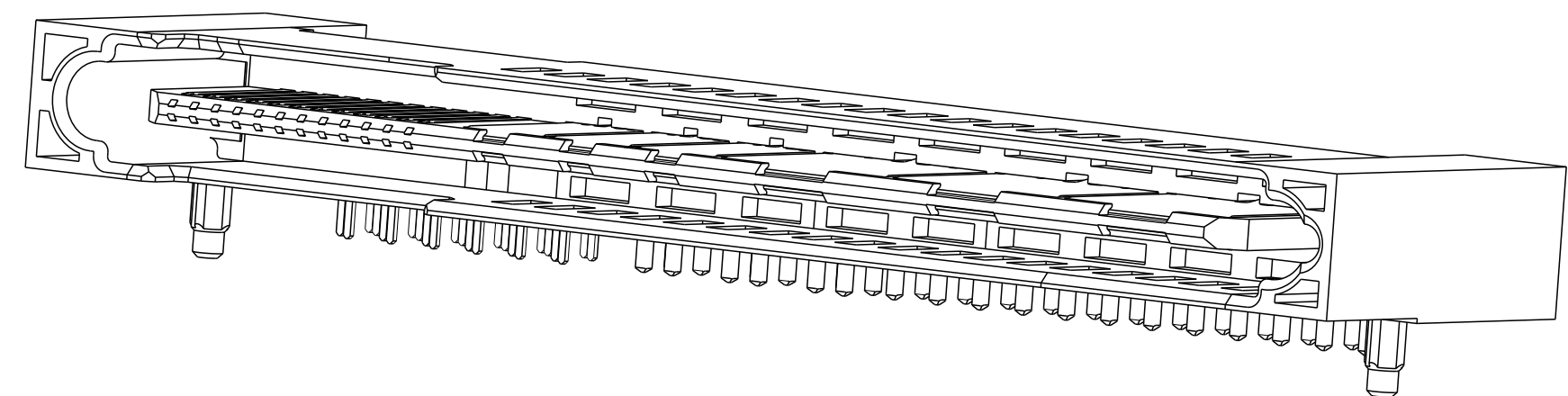
DIM	TABLE 2. LENGTH FORMULAS
DIM A II	$(MM + NN) / 2 \times 2.54 + (PP / 2) \times 1.27 + 16.02$
DIM B	$DIM A - 7.5$
DIM T	2.60 OR 3.25




Example: The configuration above is 10134214-241224CLF
STD HPCE BTB R/A HEADER 36P24S with Hold-Down Pegs.
24P is 4 beam contact, 12P is 2 beam contact.

TABLE 3: PART NUMBER CODE. HPCE BTB R/A HEADER P+S CONFIG

NOTES:

- CONNECTOR MATERIALS:
HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK UL 94V-0 COMPLIANT
CONTACTS: HIGH PERFORMANCE COPPER ALLOY.
- CONTACT FINISH REF. GS-12-1031 SECTION TBD
- PRODUCT SPECIFICATION: GS-12-1125
- APPLICATION SPECIFICATION: GS-20-0388
- PRODUCT MARKING (FCI PART NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN.
- PACKAGING MEETS FCI SPECIFICATION GS-14-2272.
- HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.
- COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.
- ALL HOLE SIZES ARE FINISHED HOLE SIZES.
- MOUNTING HOLES ARE UNPLATED
 $\varnothing 2.20 \pm 0.05$ FOR SOLDER TAILS
- MAXIMUM OVERALL LENGTH IS 100 mm



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appr	Pei-Ming Zheng	2015/05/11										
			title			HPCE BTB RAH			dwg no	10134214	rev	A
						UNIVERSAL DRAWING						
www.fci.com			cat. no.		-	Product - Customer Drw				sheet 3 of 3		

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