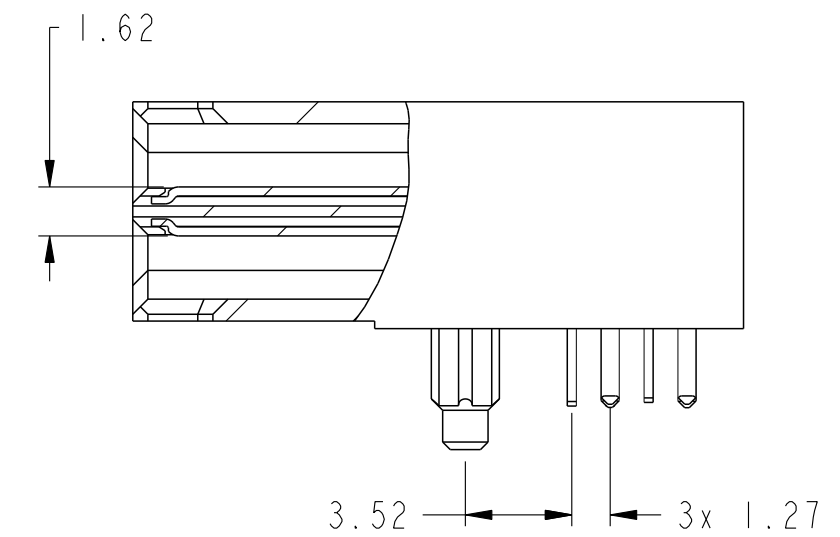
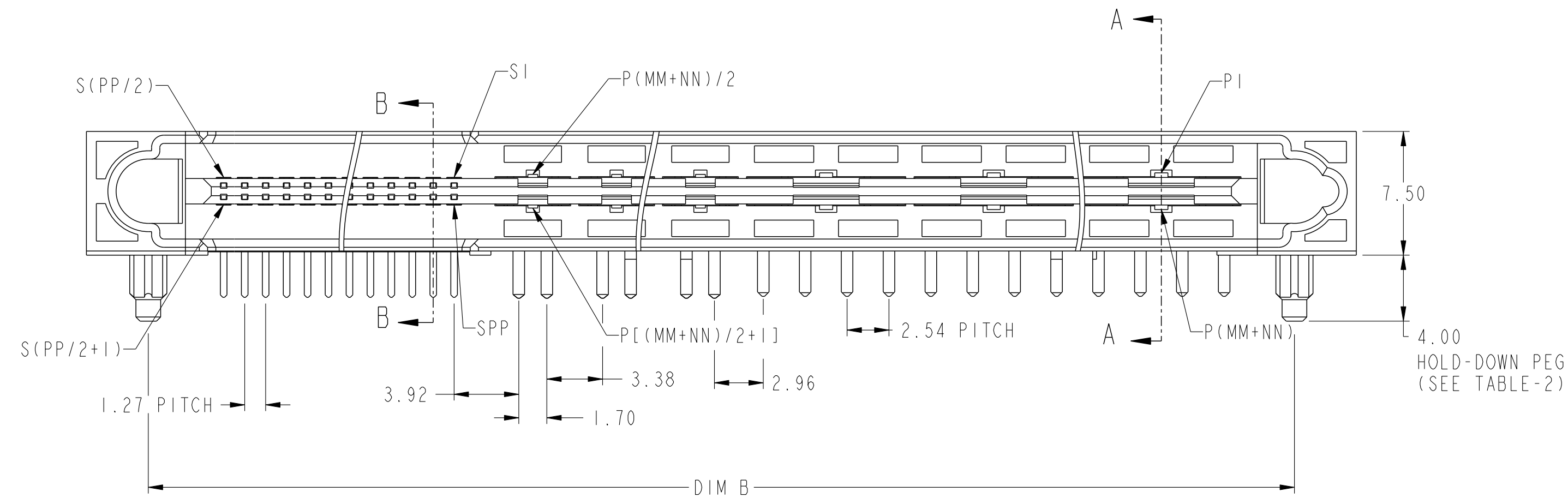
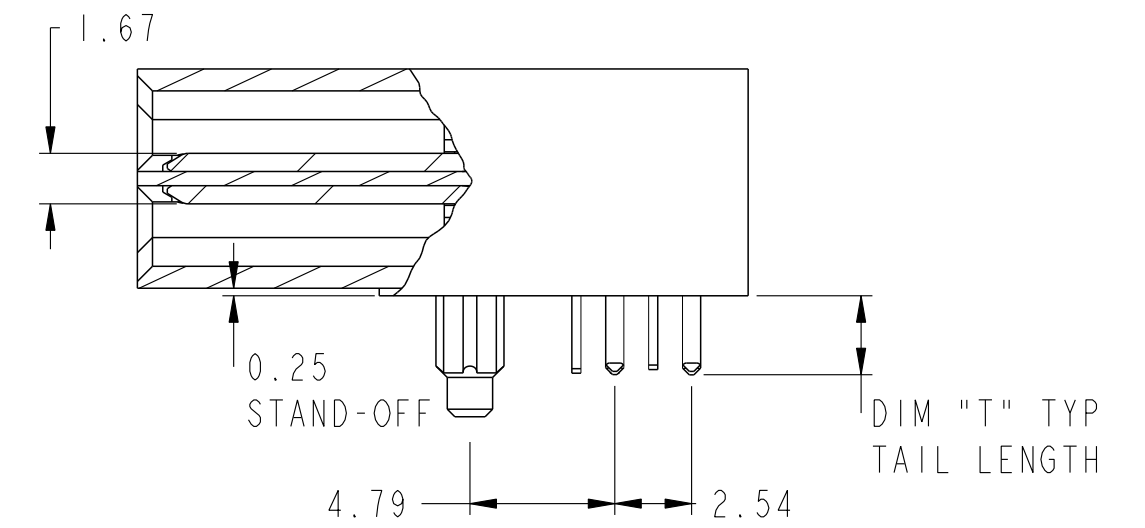
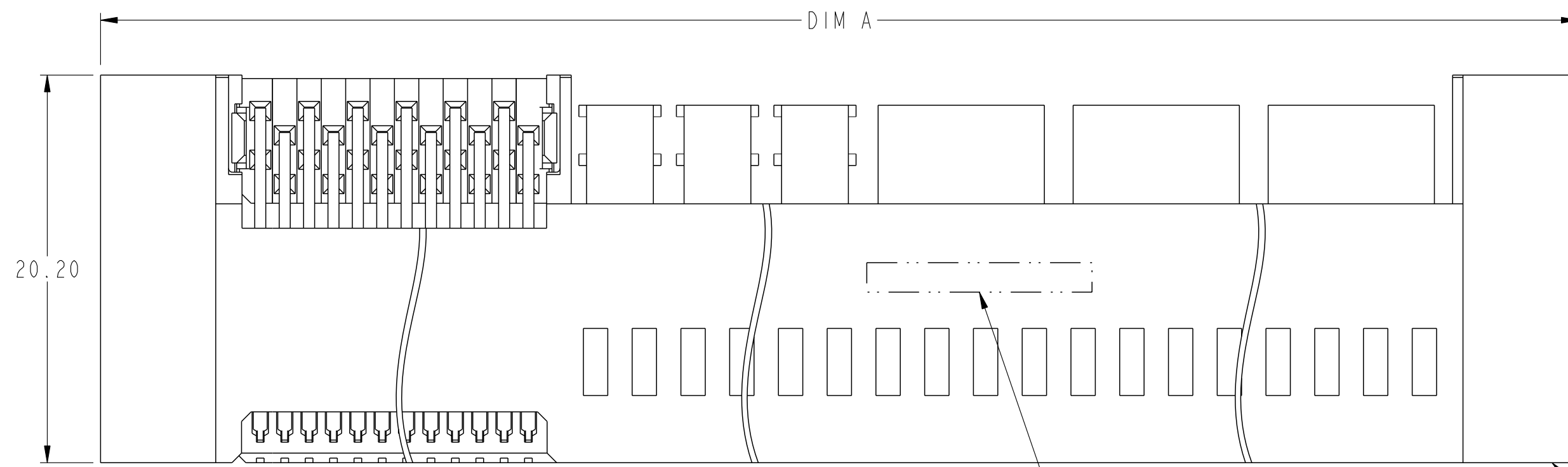
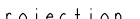
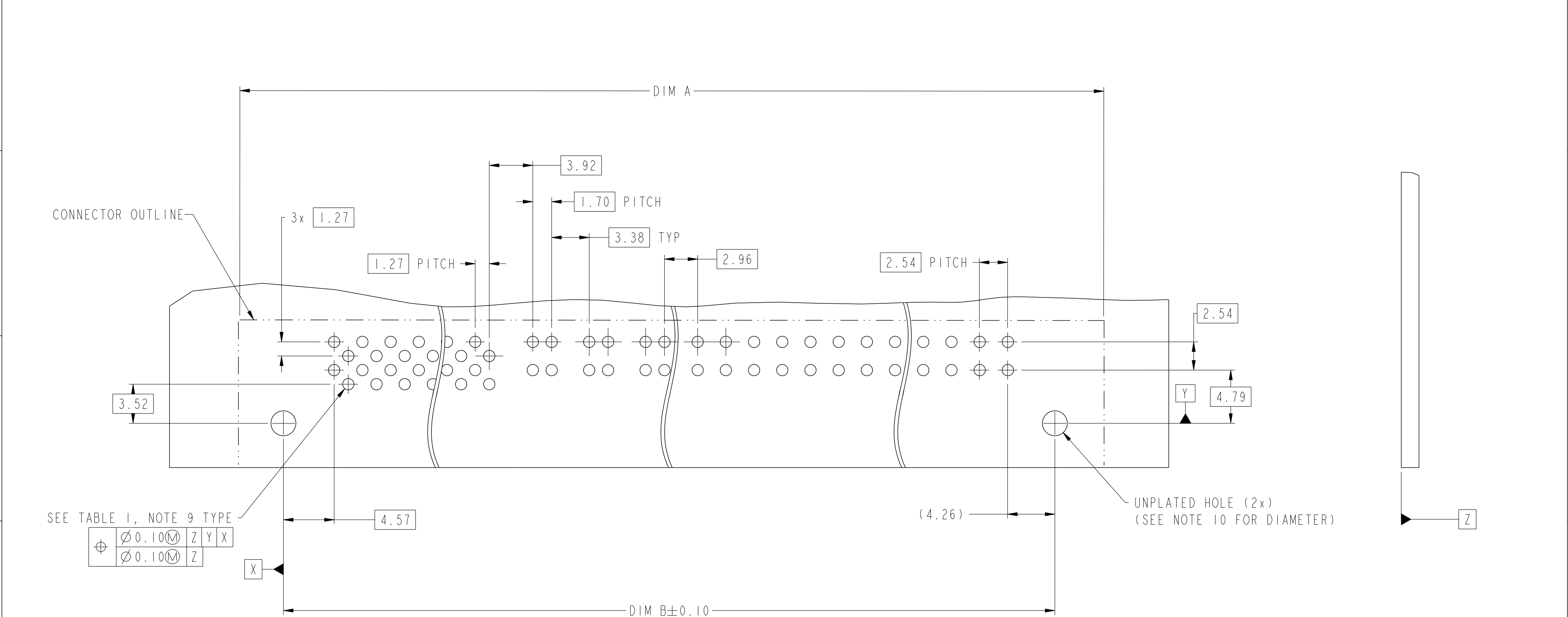




spec ref		dr		Hai-Ling Liu	2015/03/30	projection				MM		size		A2		scale		1:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Hai-Ling Liu		2015/05/11		chr		Terris Liu		2015/05/11		ecn no		-	
						appr		Pei-Ming Zheng		2015/05/11		product family		-		rel level		Released			
surface		✓		linear		0.X		±0.5		FCI		title		HPCE BTB RAH		dwg no		10134214		rev	
						0.XX		±0.25		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 1 of 3		A	
				0.XXX		±0.1															
				angular		0°		±0.2°													

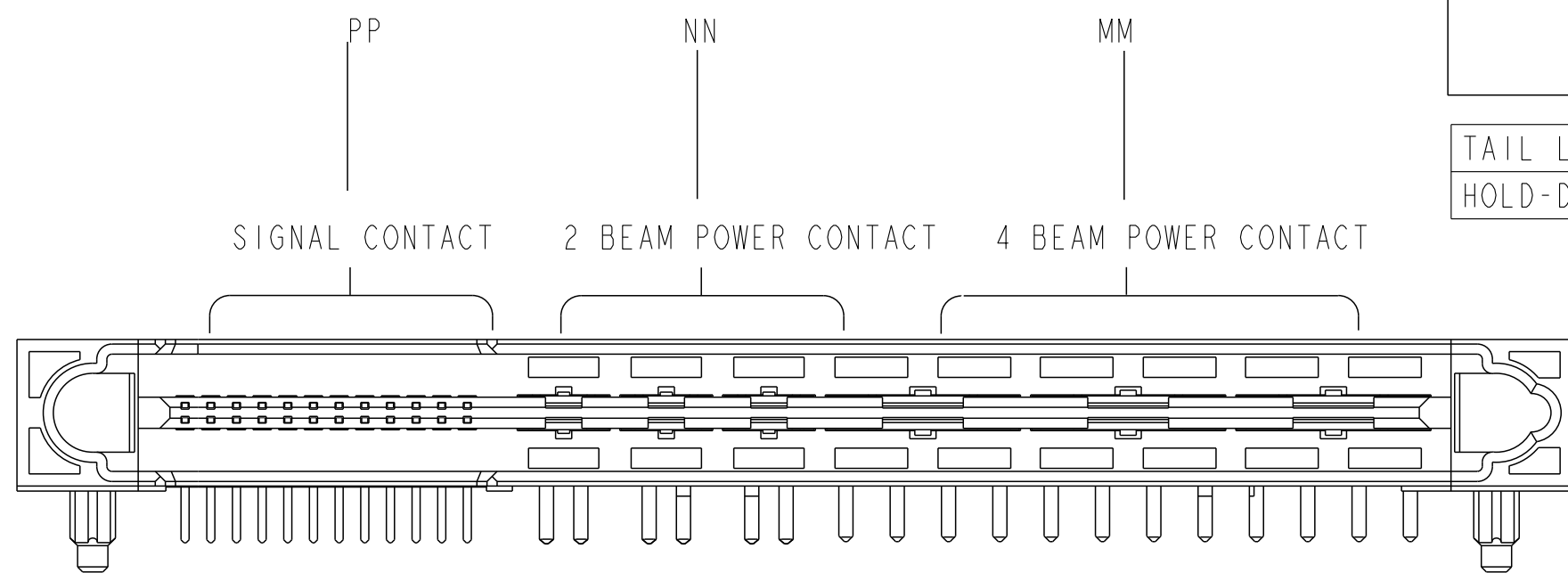
CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 1 (HPCE / SOLDER TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
POWER	TIN-LEAD	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.94 - 1.10
	IMMERSION TIN	1.10-1.16 (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	projection 	MM 	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		rev
			HPCE BTB RAH UNIVERSAL DRAWING			10134214		A
www.fci.com			cat. no.		-	Product - Customer Drw		sheet 2 of 3

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

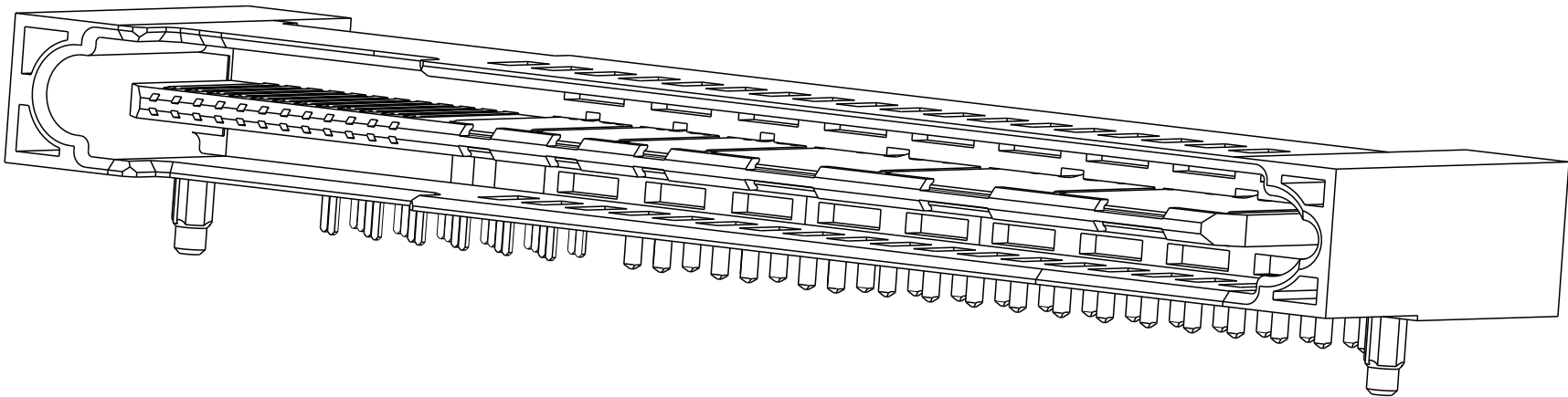
DIM	TABLE 2. LENGTH FORMULAS
DIM A II	$(MM + NN) / 2 \times 2.54 + (PP / 2) \times 1.27 + 16.02$
DIM B	$DIM A - 7.5$
DIM T	2.60 OR 3.25

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
- MAXIMUN OVERALL LENGTH IS 100 mm



dr	Hai-Ling Liu	2015/03/30	projection 	MM 	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	HPCE BTB RAH			dwg no	10134214		rev
		UNIVERSAL DRAWING						
www.fci.com	cat. no.	-	Product - Customer Drw				sheet 3 of 3	
A								