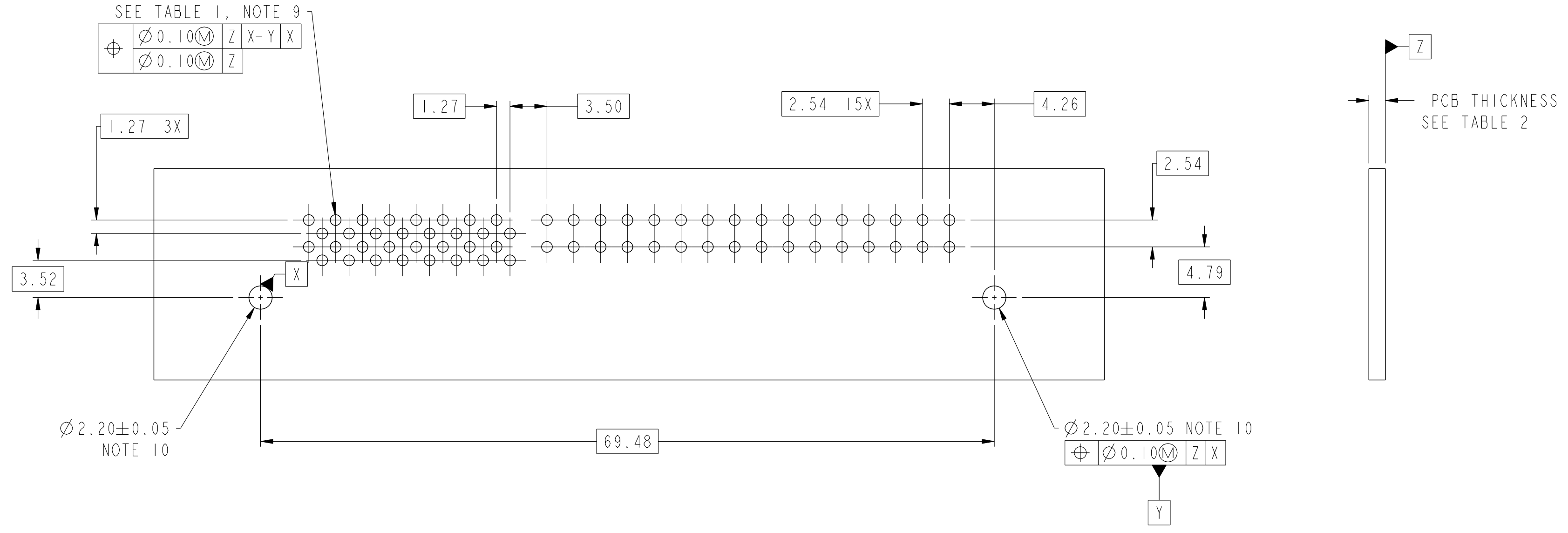


spec ref	dr	Daniel Xiao	2013-12-09	projection	mm	size	A2	scale	1:1
tolerance std	eng	Daniel Xiao	2013-12-09			ecn no	rel level	ptc_wm_lifecycle_state	rev
ISO 406	chr	Daniel Xiao	2013-12-09						
ISO 1101	appr			product family					
surface	linear	0.X	±0.3		title HPCE BTB RA HEADER 32P32S WITH GUIDE	dwg no 10128553	rev 3	ISO 1302	angular 0° ±2°
		0.XX	±0.15						
		0.XXX	±						
www.fci.com	cat. no.	Product - Customer Drw		sheet 1 of 3					



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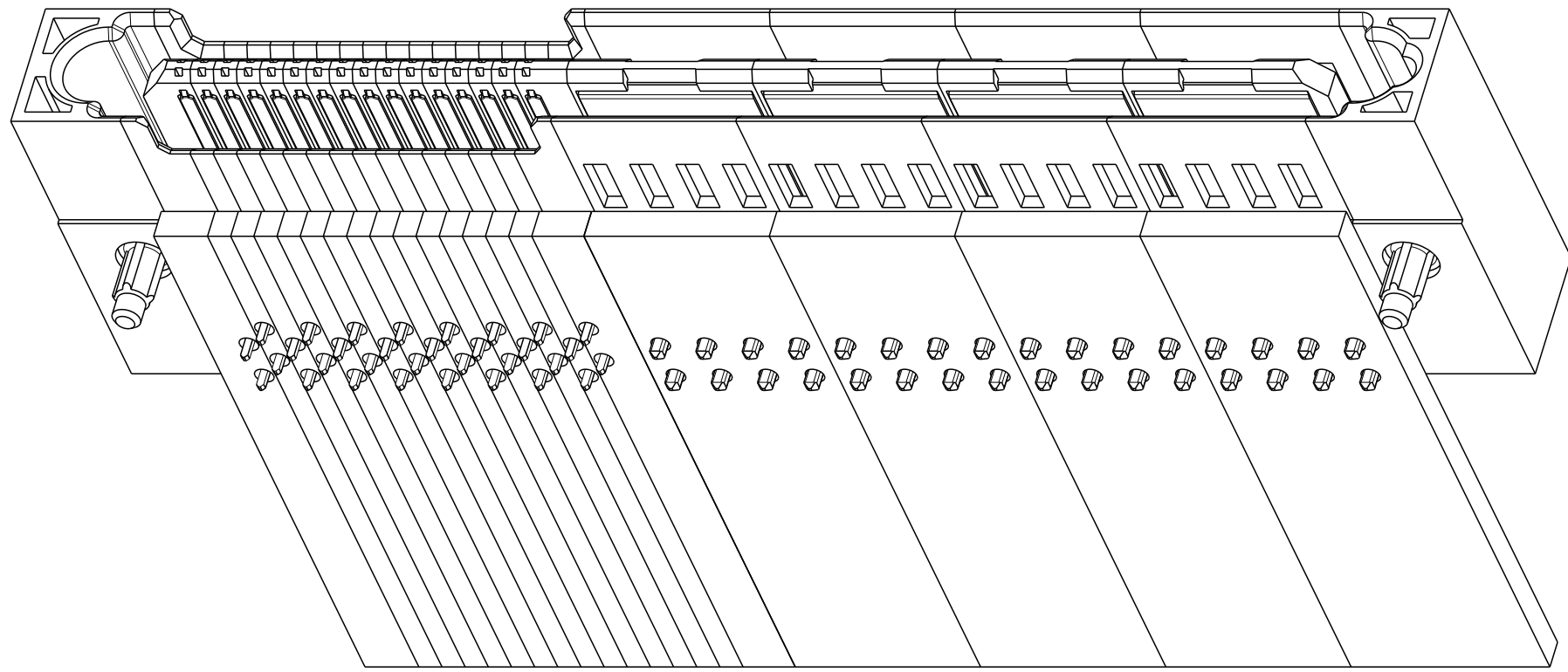
CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 1 (HPCE / SOLDER TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
POWER & SIGNAL	TIN-LEAD	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.94 - 1.10
	IMMERSION TIN	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



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spec ref	dr Daniel Xiao	2013-12-09	projection	mm	size A2	scale 1:1
tolerance std	eng Daniel Xiao	2013-12-09			ecn no	rel level In Work
TOLERANCES UNLESS OTHERWISE SPECIFIED						
surface	linear	0.X	±0.3		title HPCE BTB RA HEADER 32P32S WITH GUIDE	dwg no 10128553
		0.XX	±0.15			
		0.XXX	±			
ISO 1302	angular	0°	±2°	www.fci.com	cat. no.	Product - Customer Drw
					rev 3	sheet 2 of 3

HPCE BTB PART NUMBER (TABLE 2)			
PART NUMBER	DIM "A" TYPICAL TAIL LENGTH	RECOMENDED BOARD THICKNESS	APPLICATION TYPE
10128553-001LF	2.60±0.25	1.57	STB
10128553-002LF	3.25±0.25	2.36	
10128553-003LF	4.15±0.25	3.30	



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

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spec ref	dr Daniel Xiao	2013-12-09	projection	mm	size A2	scale 1:1	
tolerance std	eng Daniel Xiao	2013-12-09			ecn no	rel level In Work	
TOLERANCES UNLESS OTHERWISE SPECIFIED							product family
surface	linear	0.X	±0.3		title HPCE BTB RA HEADER 32P32S WITH GUIDE	dwg no 10128553	rev 3
		0.XX	±0.15				
		0.XXX	±				
ISO 1302	angular	0°	±2°	www.fci.com	cat. no.	Product - Customer Drw	sheet 3 of 3