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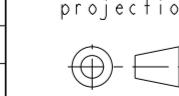
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TABLE I (HCl POWER)
PLATED THROUGH-HOLE REQUIREMENTS

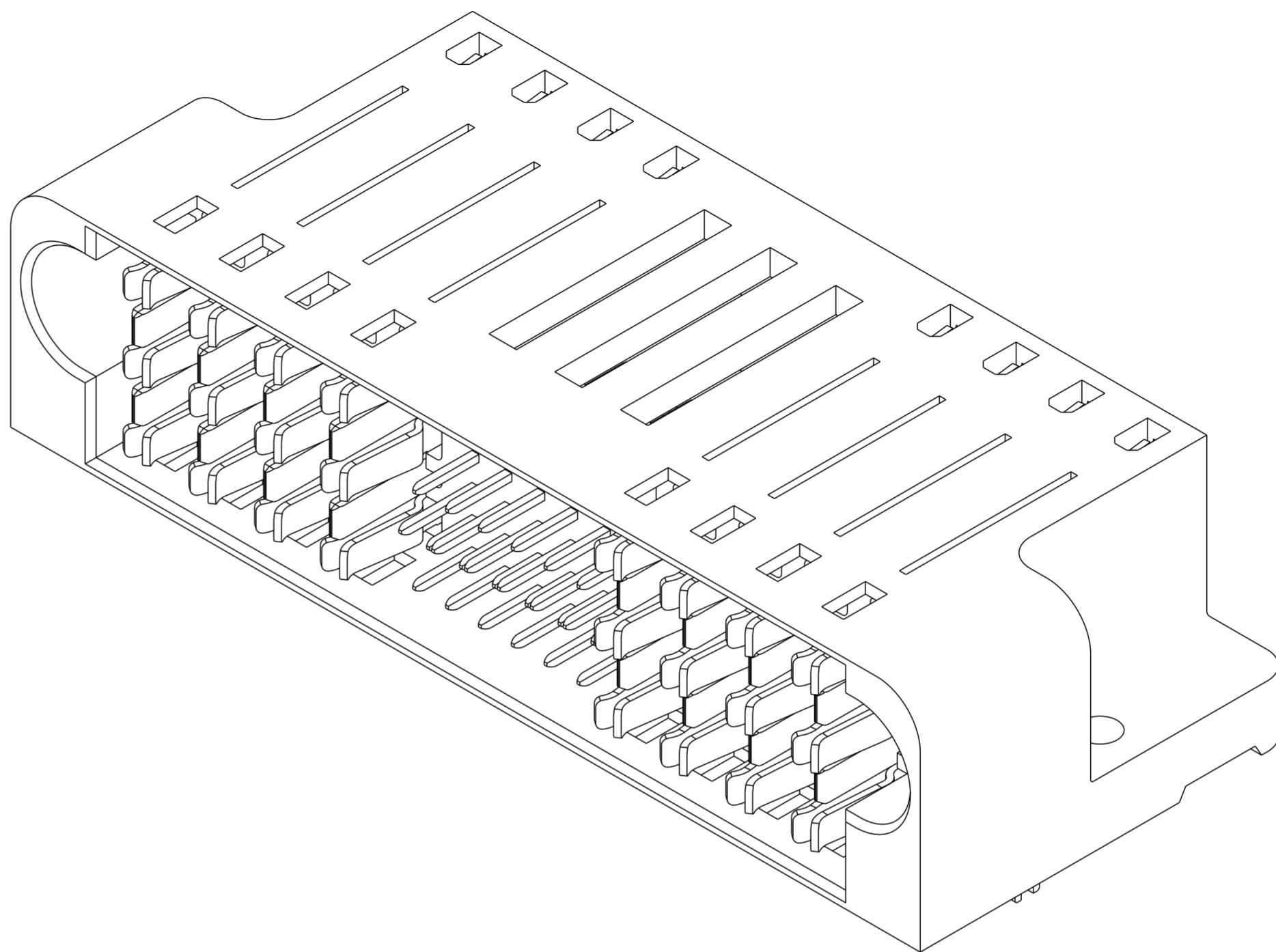
TOP LAYER DESCRIPTION	DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	NICKEL THICKNESS	GOLD THICKNESS	TIN THICKNESS	SILVER THICKNESS	FINISHED HOLE DIAMETER
TIN-LEAD	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	0.005 - 0.015	--	--	--	--	0.65 - 0.80
IMMERSION TIN	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	--	0.9 - 1.5 μ m	--	0.70 - 0.80
IMMERSION SILVER	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	--	--	0.15 - 0.65 μ m	0.70 - 0.80
COPPER (SEE NOTE 9)	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	--	--	--	0.70 - 0.80
GOLD	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	0.003 - 0.007	FLASH UP TO 0.0002	--	--	0.69 - 0.80

TABLE 2 (HPC SIGNALS)
PLATED THROUGH-HOLE REQUIREMENTS

TOP LAYER DESCRIPTION	DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	NICKEL THICKNESS	GOLD THICKNESS	TIN THICKNESS	SILVER THICKNESS	FINISHED HOLE DIAMETER
TIN-LEAD	1.125-1.175 (ϕ .0453±.0010)	0.025-0.050	0.005-0.015	--	--	--	--	0.94 - 1.10 (ϕ .040±.003)
IMMERSION TIN			--	--	--	--	--	
IMMERSION SILVER			--	--	--	--	--	
COPPER (SEE NOTE 9)			--	--	--	--	--	
GOLD			--			--	--	

dr	NotFound DuWa	2010/04/28	projection 	MM 	size A2	scale 4:1
eng	De-Ming Lu	2014/12/27				
chr	-	-				
oppr	Pei-Ming Zheng	2014/12/29				
			product family		ecn no	ELX-DG-19849-1
					- rel level	Released
		R/A HDR ASSY 4P+24S+4P			no 10077213	rev B
		HCl POWER CONNECTOR			drw	
		www.fci.com	cat. no.	-	Product - Customer Drw	sheet 4 of 5

PART NUMBER	RETENTION CLIPS	#4 SCREW	DIM A (TAIL LENGTH)	TAIL TYPE
10077213-001LF	NO	YES	3.43	SOLDER TAIL
10077213-002LF	NO	YES	4.70	SOLDER TAIL
10077213-003LF	YES	NO	3.43	SOLDER TAIL
10077213-004LF	YES	NO	4.70	SOLDER TAIL



NOTES:

1. CONNECTOR MATERIALS:
 - HOUSING: HIGH TEMPERATURE THERMOPLASTIC, BLACK
 - UL 94V-0 COMPLIANT
 - CONTACTS: HIGH PERFORMANCE COPPER ALLOY
2. CONTACT FINISH (ref GS-12-380 SECTION 5.2)
3. PRODUCT SPECIFICATION: GS-12-380.
4. APPLICATION SPECIFICATION: GS-20-070.
5. PRODUCT MARKING (PRODUCT NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN.
6. MINIMUM NOMINAL PCB THICKNESS: 1.6mm
7. PACKAGING MEETS FCI SPECIFICATION GS-14-1073.
8. HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.
9. COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.
10. ALL HOLE SIZES ARE FINISHED HOLE SIZES.
11. MOUNTING HOLES ARE UNPLATED.

dr	NotFound DuWa	2010/04/28	projection HCI	MM	size A2	scale 3:1
eng	De-Ming Lu	2014/12/27				
chr	-	-				
opp	Pei-Ming Zheng	2014/12/29				
			product family	HCI	rel level	Released
FCI	R/A HDR ASSY 4P+24S+4P		no	10077213	rev	
	HCI POWER CONNECTOR		drdg			
www.fci.com	cat. no.	-	Product	- Customer Drw	sheet	5 of 5