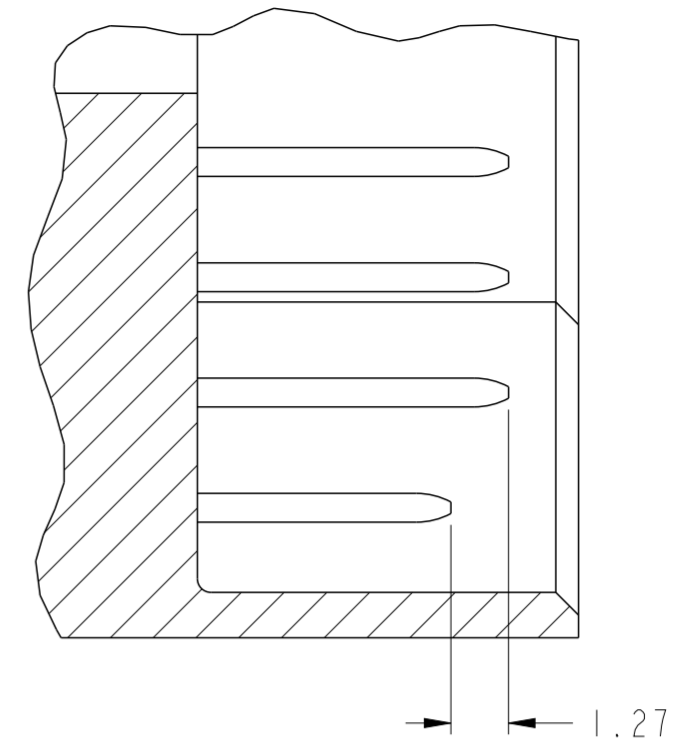
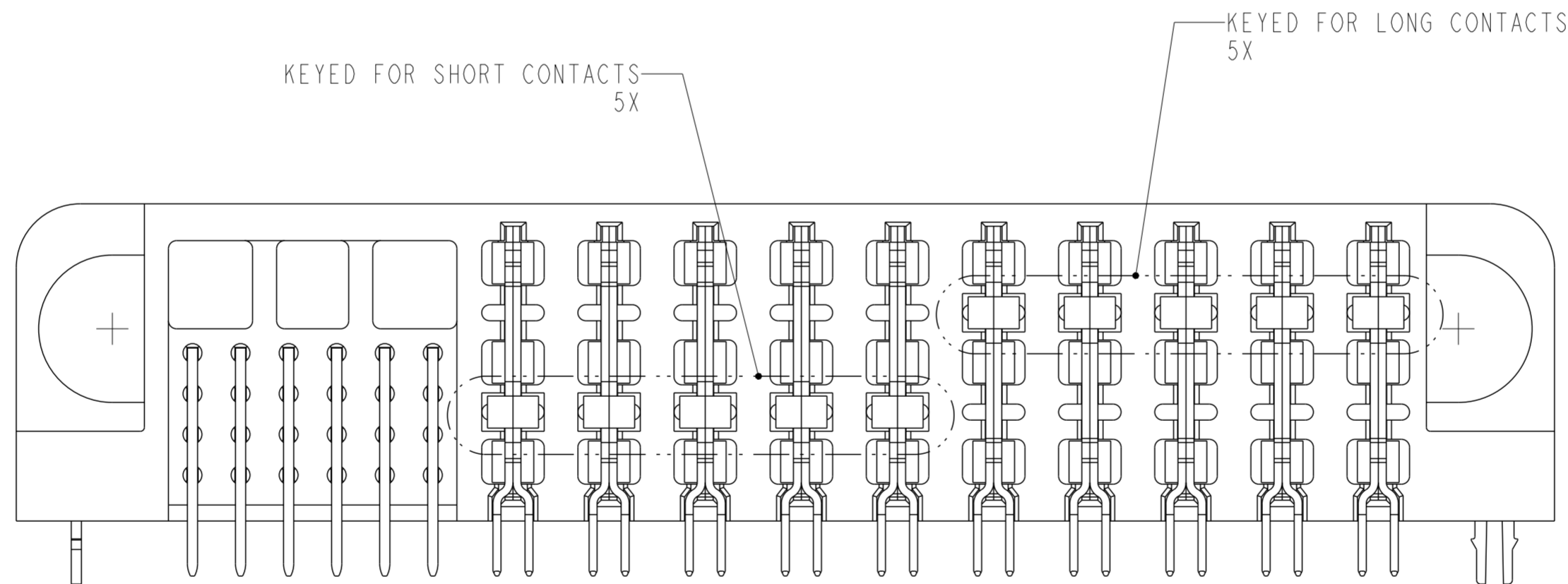



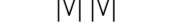

DETAIL C  
SCALE 6:1  
POWER MATING  
SEQUENCE

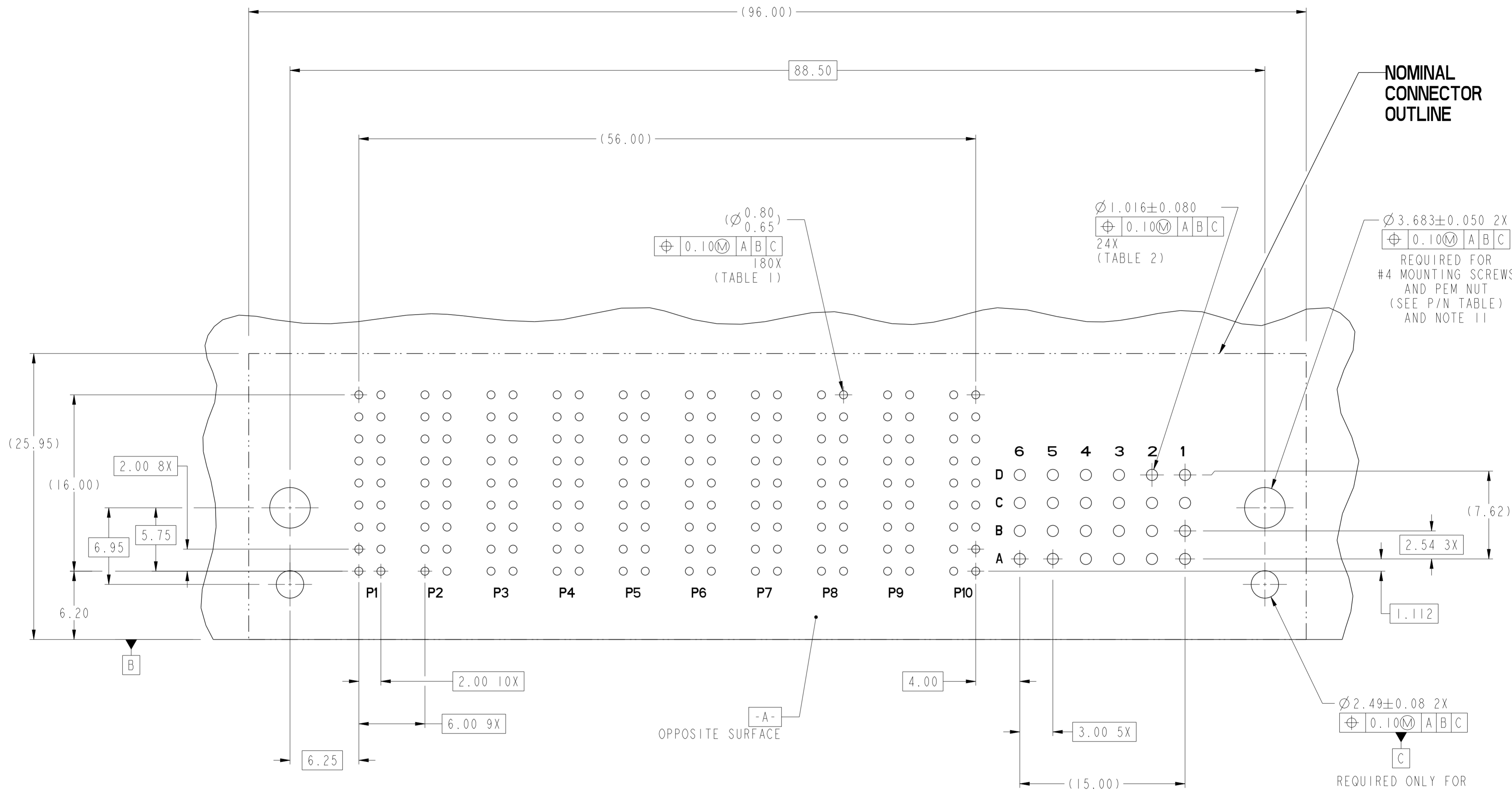


SECTION W-W  
SCALE 6:1  
SIGNAL MATING  
SEQUENCE



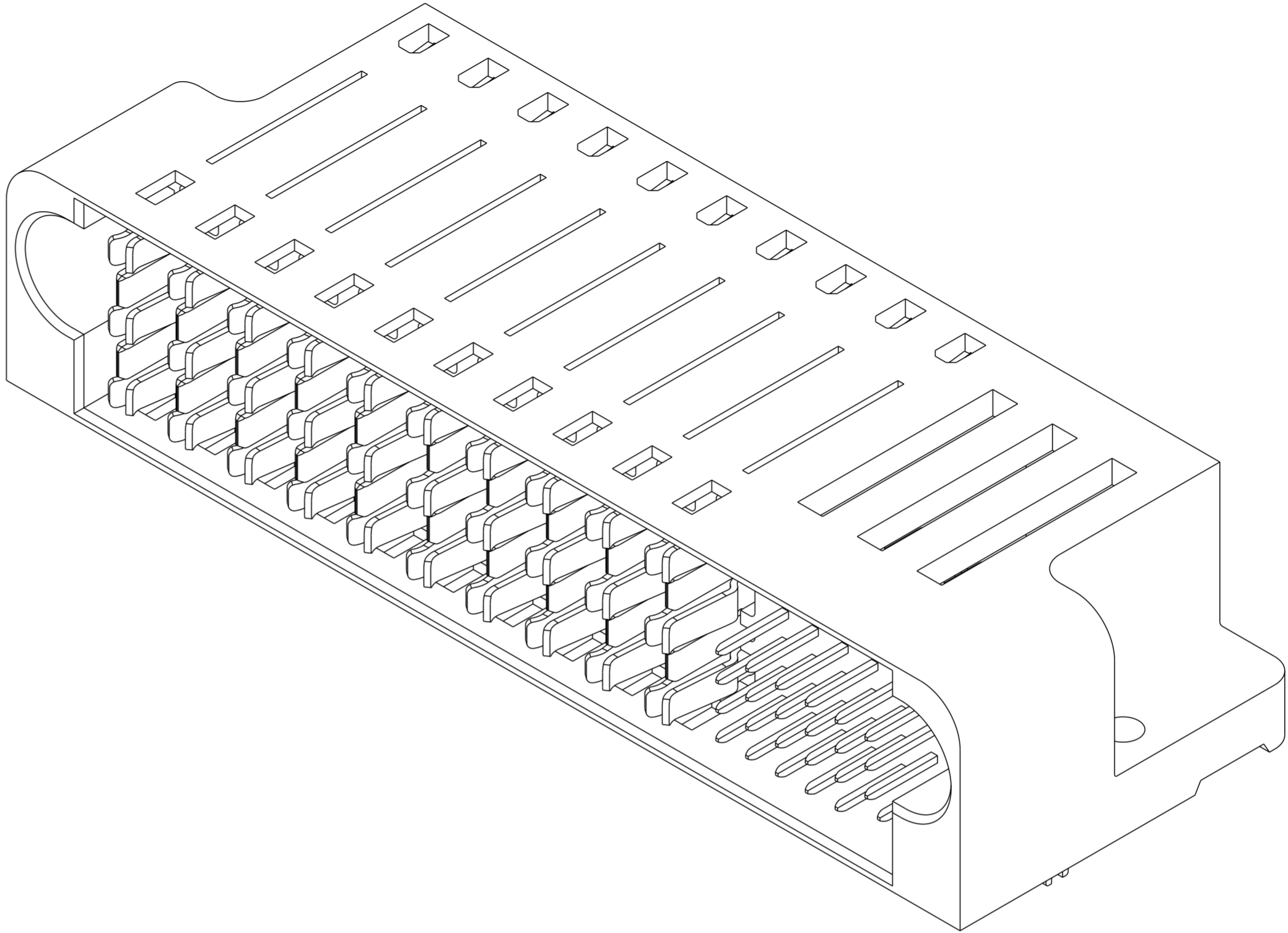
VIEW G-G

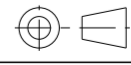


dr	NotFound DuWa	2010/04/28			size	A2	scale	3:1
eng	De-Ming Lu	2014/12/29			ecn no	ELX-DG-19849-1		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2014/12/29	product family		HCL			
		title			dwg no	10065864		rev
		R/A HEADER ASSY 10DC-24S					J	
		HCL POWER CONNECTOR						
www.fci.com		cat. no.	-	Product - Customer Drw		sheet 2 of 5		



dr	Not Found DuWa	2010/04/28	projection	MM	size	A2	scale	4:1
eng	De-Ming Lu	2014/12/29			ecn no	ELX-DG-19849-1		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2014/12/29	product family	-	rel level	Released		
		title	R/A HEADER ASSY 10DC-24S			dwg no	10065864	
www.fci.com		cat. no.	-			Product - Customer Drw	sheet 3 of 5	

	1	2	3	4	5	6	7	8	
A									A
B	TOP LAYER DESCRIPTION	TABLE 1 (HCI POWER) PLATED THROUGH-HOLE REQUIREMENTS							
		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 - 1.5um	--	0.70 - 0.80
	IMMERSION SILVER	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	--	--	0.15 - 0.65um	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	
C	TOP LAYER DESCRIPTION	TABLE 2 (HPC SIGNALS) PLATED THROUGH-HOLE REQUIREMENTS							
		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 (Ø.0453±.0010)	0.025-0.050	0.005-0.015	--	--	--	--	0.94 - 1.10 (Ø.040±.003)
	IMMERSION TIN			--	--	--	--	--	
	IMMERSION SILVER			--	--	--	--	--	
	COPPER (SEE NOTE 9)			--	--	--	--	--	
GOLD			--			--	--		
D									D
									E
									F
E									E
									F
F									F

1		2		3		4		5		6		7		8	
PART NUMBER		RETENTION CLIPS	#4 SCREW	DIM A (TAIL LENGTH)		TAIL TYPE									
10065864-001LF		NO	YES	3.43		SOLDER TAIL									
10065864-002LF		NO	YES	4.70		SOLDER TAIL									
10065864-003LF		YES	NO	3.43		SOLDER TAIL									
10065864-004LF		YES	NO	4.70		SOLDER TAIL									
<p>NOTES:</p> <p>1. CONNECTOR MATERIALS: HOUSING: HIGH TEMPERATURE THERMOPLASTIC, BLACK UL 94V-0 COMPLIANT CONTACTS: HIGH PERFORMANCE COPPER ALLOY</p> <p>2. CONTACT FINISH(REF. GS-12-380 SECTION 5.2)</p> <p>3. PRODUCT SPECIFICATION: GS-12-380.</p> <p>4. APPLICATION SPECIFICATION: GS-20-070.</p> <p>5. PRODUCT MARKING (PRODUCT NUMBER &amp; DATE CODE) ON HOUSING IN AREA SHOWN.</p> <p>6. MINIMUM NOMINAL PCB THICKNESS: 1.6mm</p> <p>7. PACKAGING MEETS FCI SPECIFICATION GS-14-1073.</p> <p>8. HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.</p> <p>9. COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.</p> <p>10. ALL HOLE SIZES ARE FINISHED HOLE SIZES.</p> <p>11. MOUNTING HOLES ARE UNPLATED.</p>															
2		3		4		5		PDS: Rev :J		STATUS:Released		Printed: Dec 30, 2014			

dr		Not Found DuWa		2010/04/28		projection		MM		size		A2		scale		3:1					
eng		De-Ming Lu		2014/12/29						ecn no		ELX-DG-19849-1									
chr		-		-						rel level		Released									
appr		Pei-Ming Zheng		2014/12/29		product family		HCI													
		title		R/A HEADER ASSY 10DC-24S								dwg no		10065864				rev		J	
		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 5 of 5											