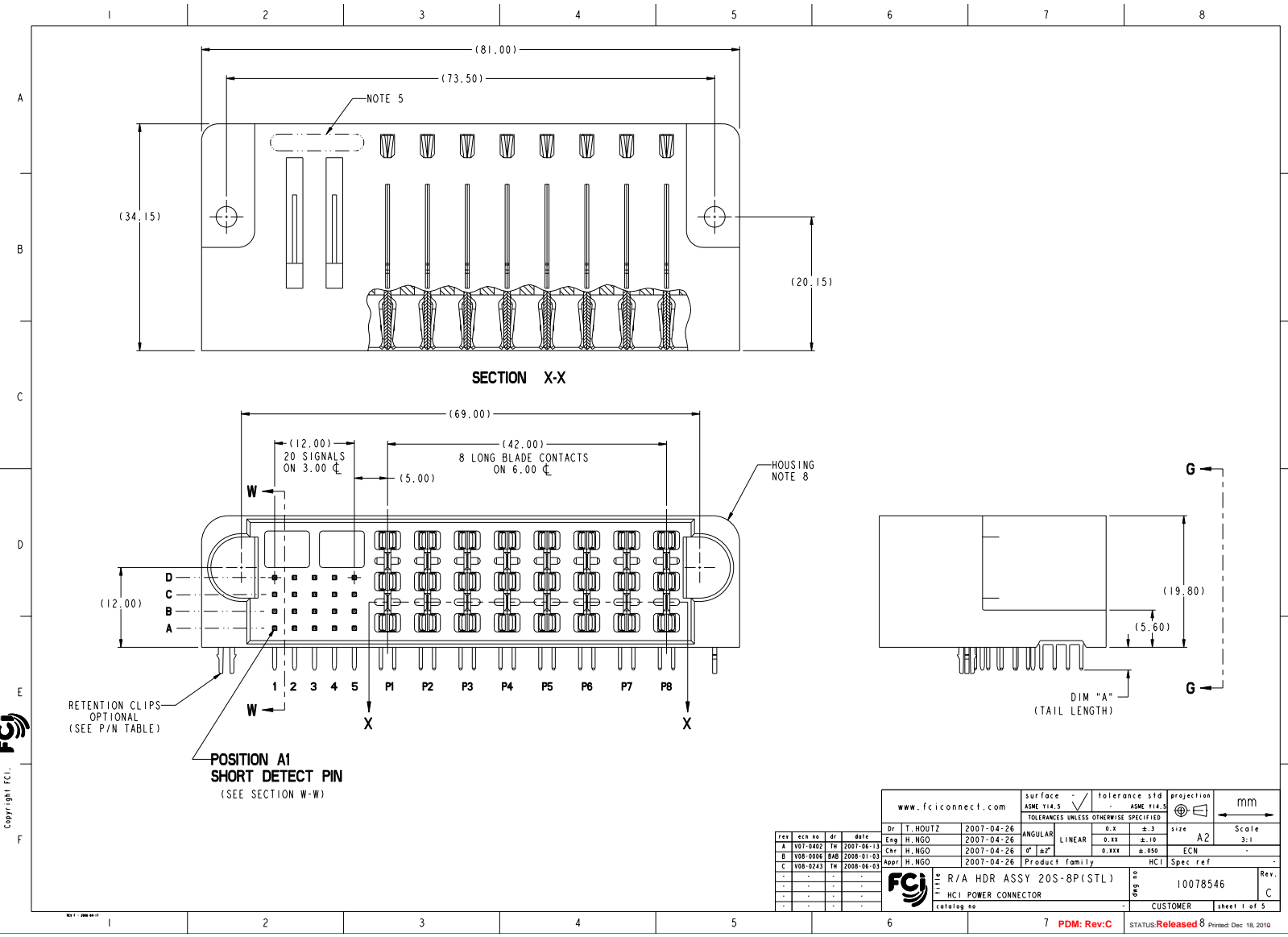

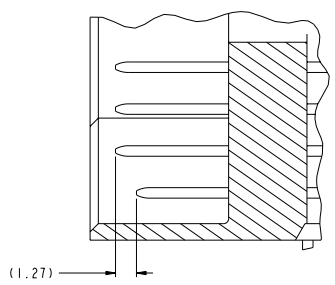


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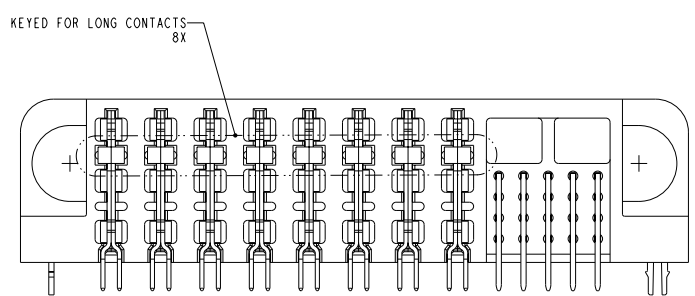


www.fciconnect.com				surface	tolerance std	projection	mm
				ASME Y14.5	ASME Y14.5		
				TOLERANCES UNLESS OTHERWISE SPECIFIED			
rev	hcn no	dr	date	Dr. T. HOUTZ	2007-04-26	ANGULAR	LINEAR
A	V07-0402	Th	2007-06-13	Eng. H. NGO	2007-04-26	0.X	0.10
B	V08-0004	SHD	2008-01-03	Chr. H. NGO	2007-04-26	0.XXX	0.050
C	V08-0243	Th	2008-06-05	Appr. H. NGO	2007-04-26	Product family	ECN
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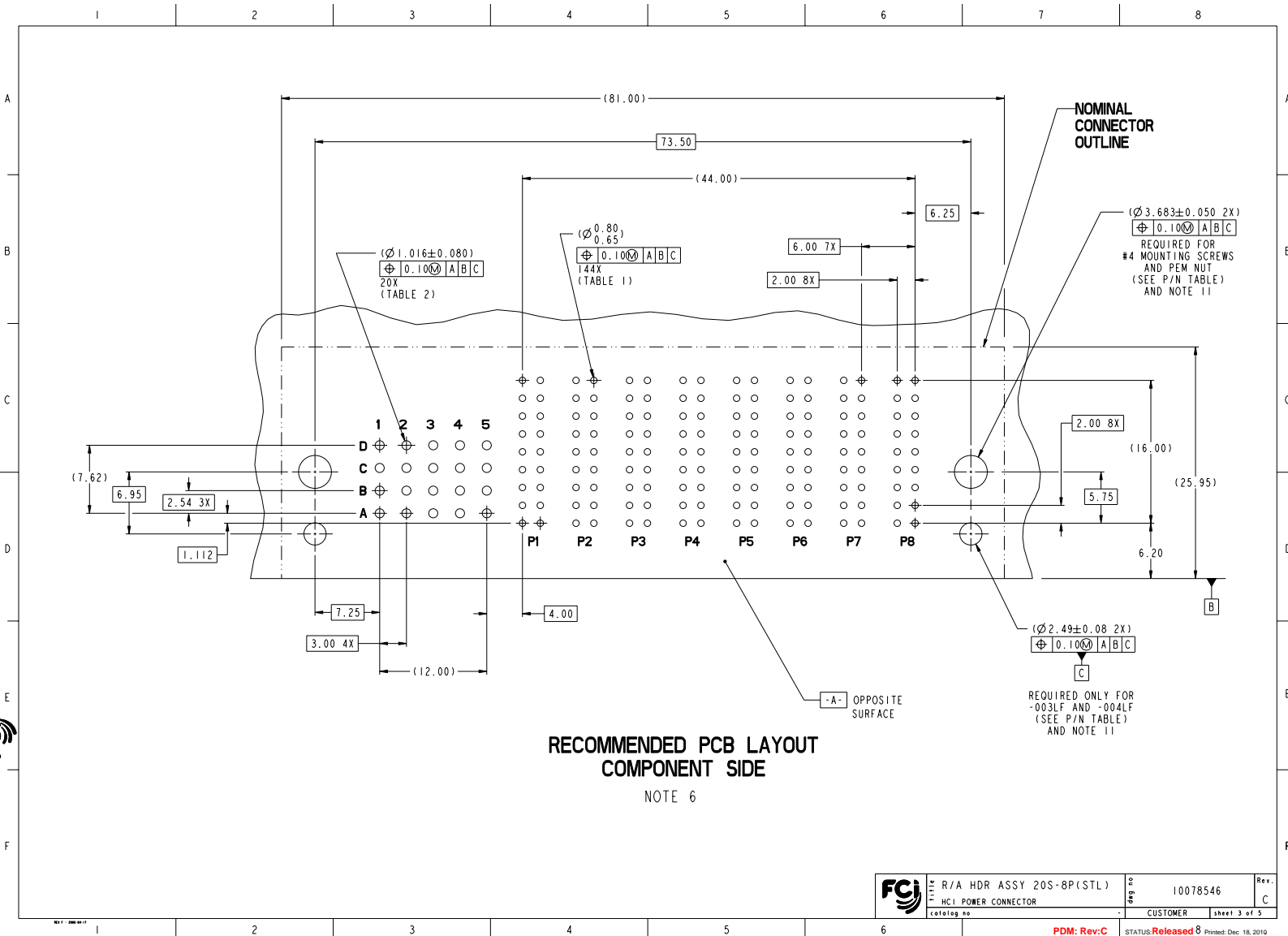
SECTION W-W  
SCALE 6:1  
SIGNAL MATING  
SEQUENCE




VIEW G-G

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	HCL POWER CONNECTOR				C
	catalog no		CUSTOMER	sheet 2 of 5	

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		HCI POWER CONNECTOR				C
	catalog no	-	CUSTOMER		sheet 3 of 5	

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A

TOP LAYER DESCRIPTION	TABLE 1 (HCl 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
IMMERION TIN	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	--	0.9 - 1.5um	--	0.70 - 0.80
IMMERION 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

B

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)
IMMERION TIN			--	--	--	--	--	
IMMERION SILVER			--	--	--	--	--	
COPPER (SEE NOTE 9)			--	--	--	--	--	
GOLD			--			--	--	

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HCL POWER CONNECTOR

catalog no

10078546

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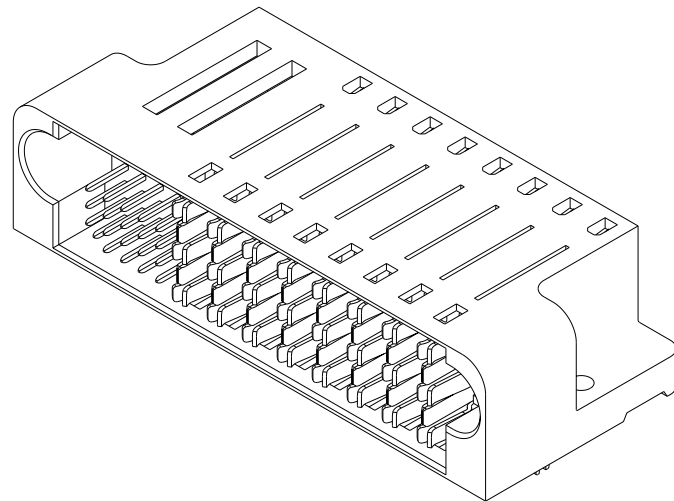
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PART NUMBER	RETENTION CLIPS	#4 SCREW	DIM A (TAIL LENGTH)	TAIL TYPE
10078546-001LF	NO	YES	3.43	SOLDER TAIL
10078546-002LF	NO	YES	4.70	SOLDER TAIL
10078546-003LF	YES	NO	3.43	SOLDER TAIL
10078546-004LF	YES	NO	4.70	SOLDER TAIL



#### NOTES:

- CONNECTOR MATERIALS:  
HOUSING: HIGH TEMPERATURE THERMOPLASTIC, BLACK  
UL 94V-0 COMPLIANT  
CONTACTS: HIGH PERFORMANCE COPPER ALLOY
- CONTACT FINISH (ref GS-12-380 SECTION 5.2)
- PRODUCT SPECIFICATION: GS-12-380.
- APPLICATION SPECIFICATION: GS-20-070.
- PRODUCT MARKING (PRODUCT NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN.
- MINIMUM NOMINAL PCB THICKNESS: 1.6mm
- PACKAGING MEETS FCJ SPECIFICATION GS-14-1073.
- 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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