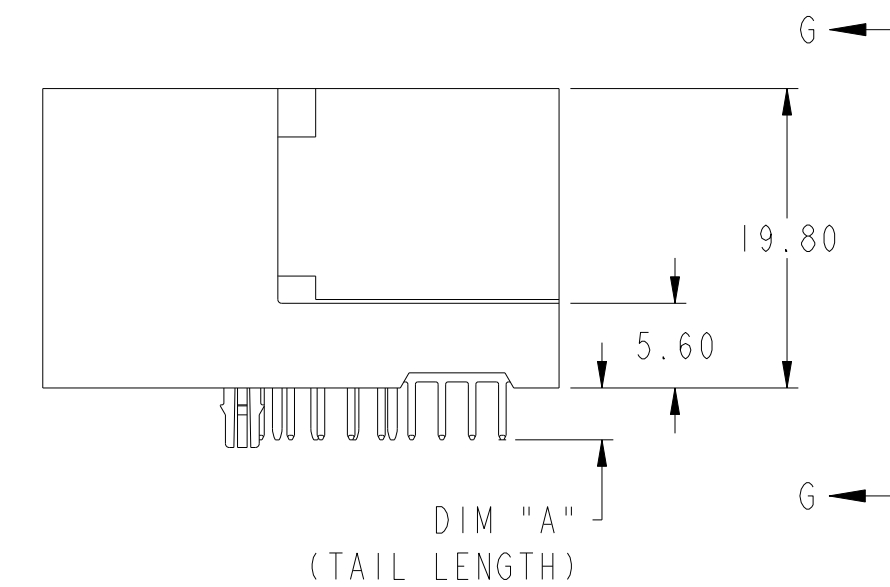
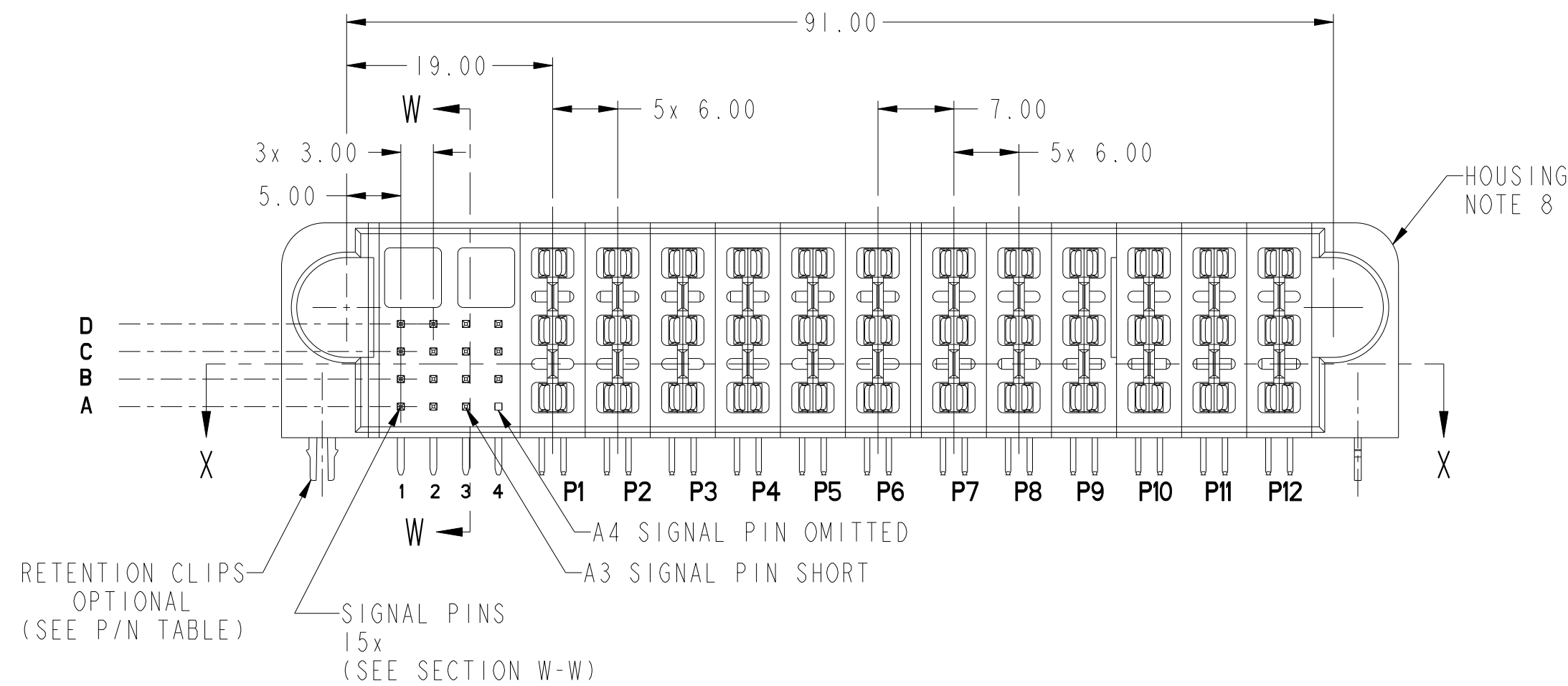
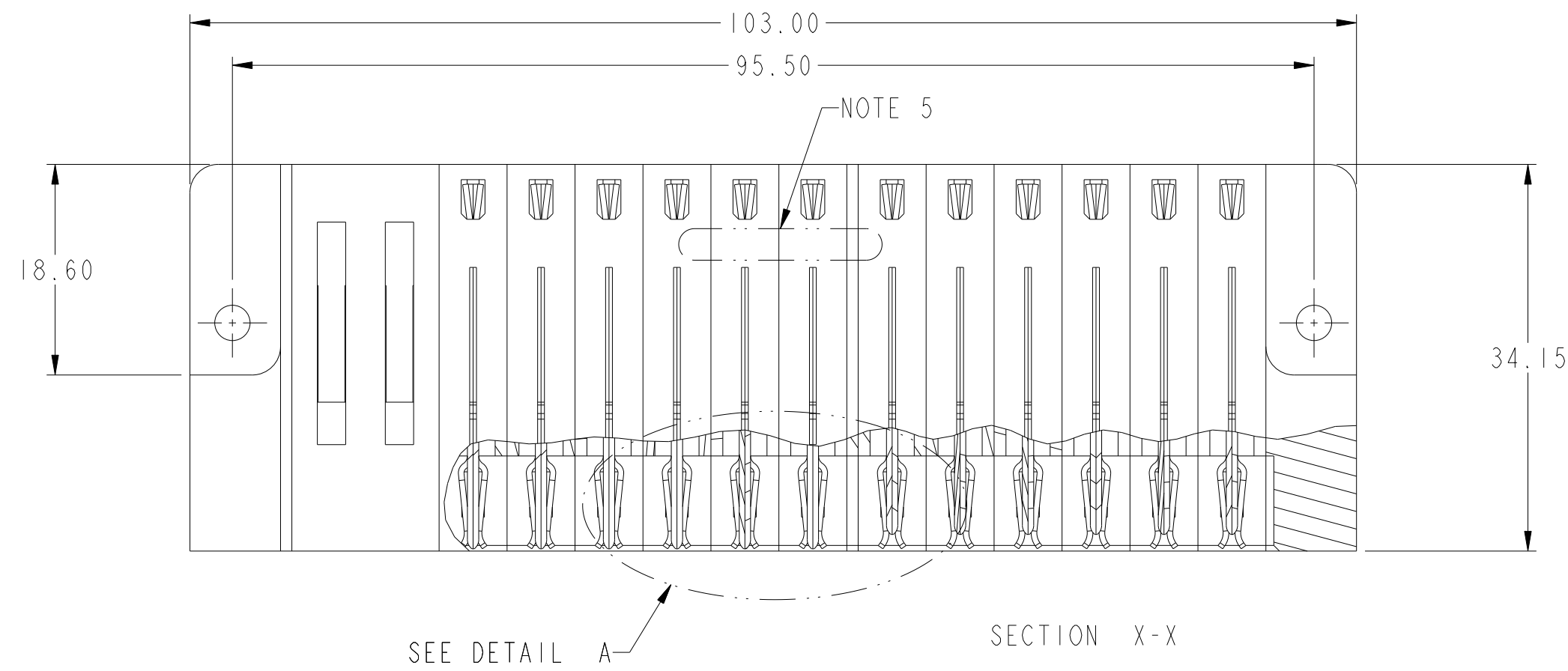


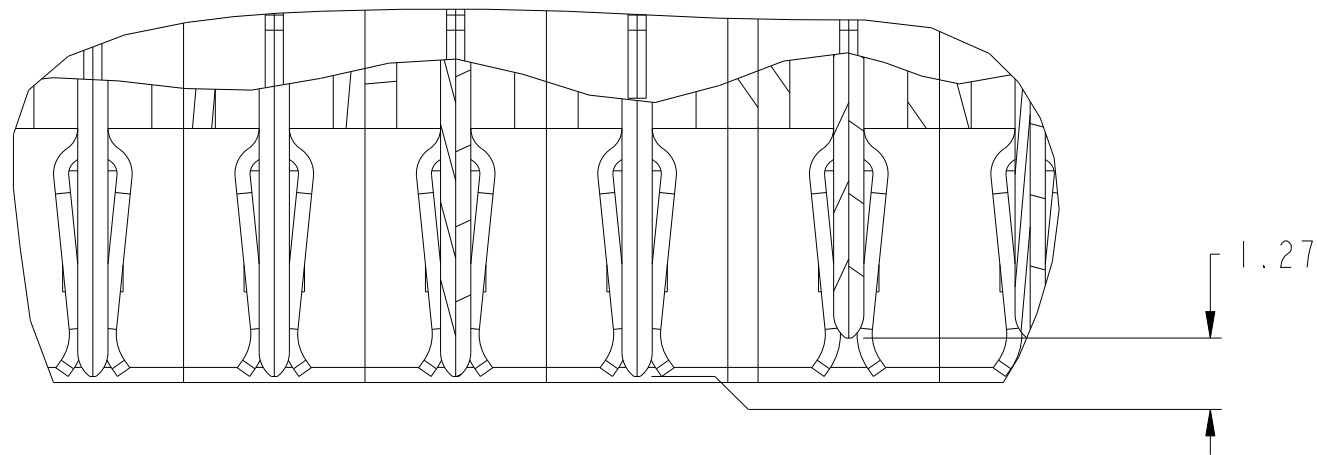


spec ref	*	dr	De-Ming Lu	2014/06/30	projection	MM	size	A2	scale	3:1
tolerance std	ASME Y14.5	eng	De-Ming Lu	2014/09/09	chr	-	ecn no	-	rel level	Released
surface	✓	appr	Pei-Ming Zheng	2014/09/09	product family	R/A HEADER ASSY 16S+12DCP	cat. no.	10130746	rev	A
ASME Y14.5	linear	0.X	±0.5	0.XX	±0.25	0.XXX	±0.100	angular	0°	±2°

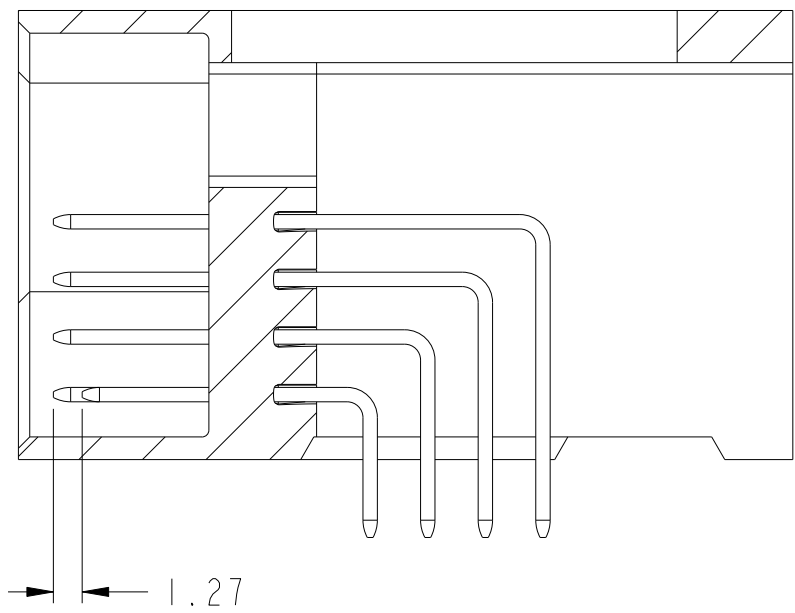
PDS: Rev :A

STATUS:Released

Printed: Sep 11, 2014

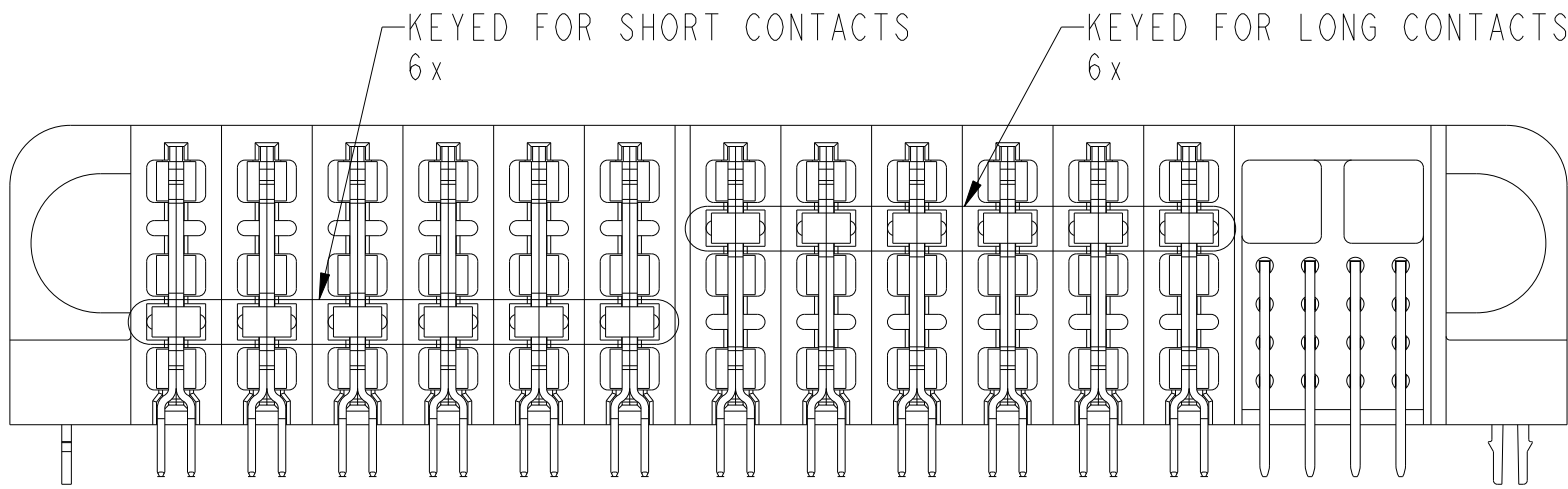


DETAIL A
SCALE 4:1



SECTION W-W

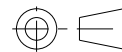
SIGNAL MATING
SEQUENCE



VIEW G-G



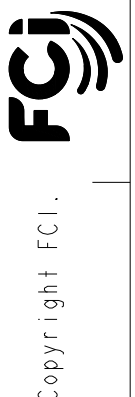
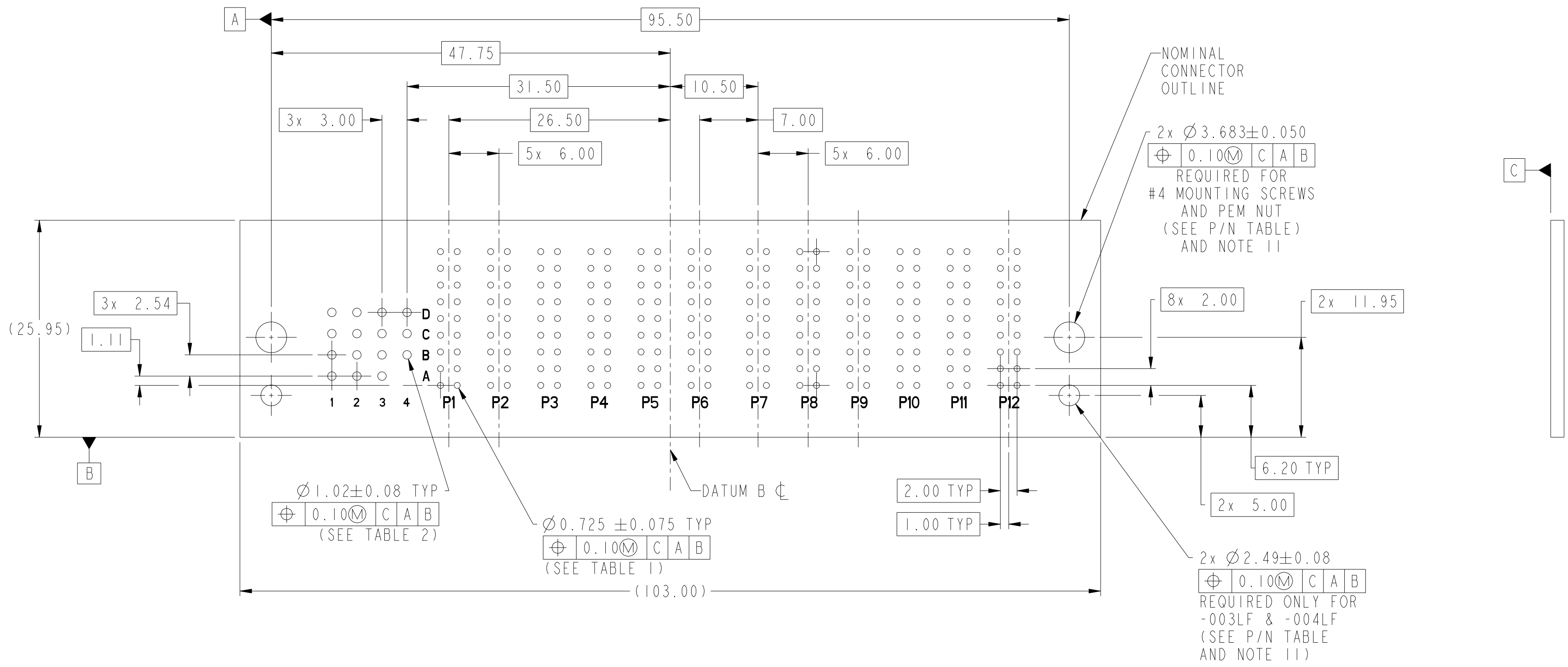
Copyright FCI.

spec ref *			dr De-Ming Lu		2014/06/30		projection		MM		size A2		scale 3:1		
tolerance std			eng De-Ming Lu		2014/09/09						ecn no -				
ASME Y14.5			chr -		-						rel level Released				
ASME Y14.5			appr Pei-Ming Zheng		2014/09/09		product family								
surface 		linear		0.X		±0.5				title R/A HEADER ASSY 16S+12DCP		dwg no 10130746		rev A	
				0.XX		±0.25									
				0.XXX		±0.100									
		angular		0°		±2°									

PDS: Rev :A

STATUS:Released

Printed: Sep 11, 2014

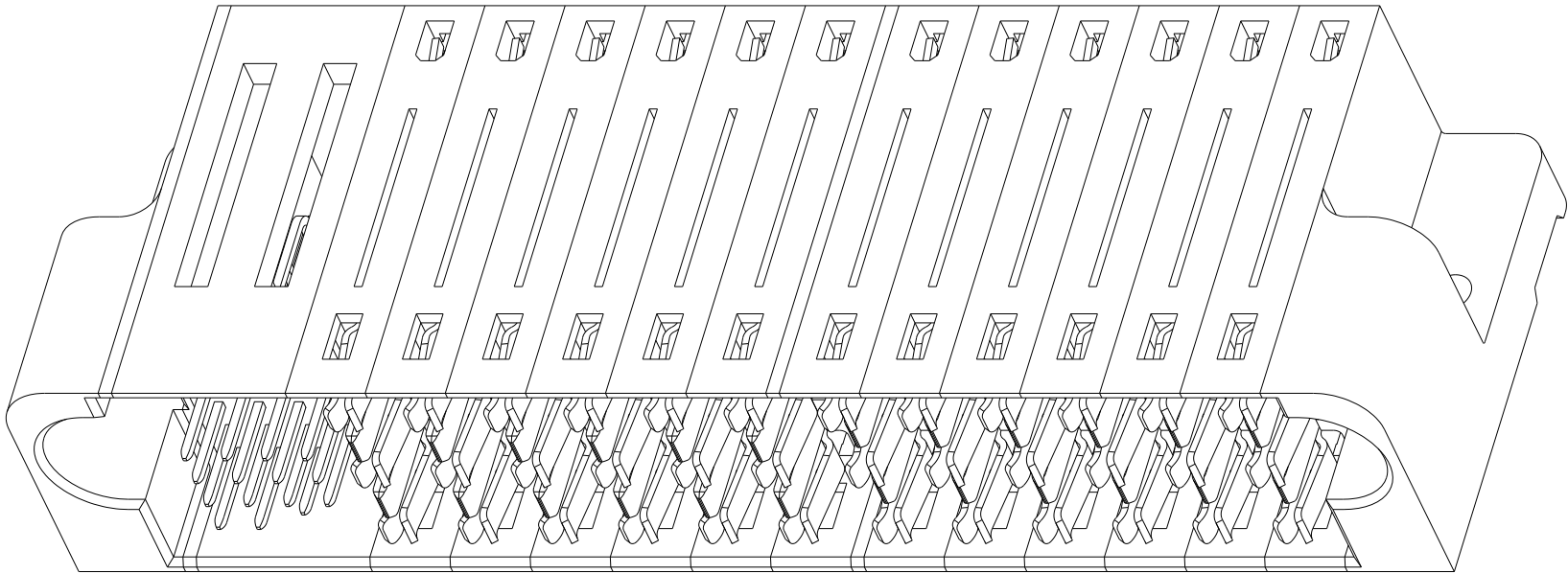


spec ref	*	dr	De-Ming Lu	2014/06/30	projection	MM	size	A2	scale	3:1
tolerance std	ASME Y14.5	eng	De-Ming Lu	2014/09/09	chr	-	ecn no	-	rel level	Released
surface	✓	appr	Pei-Ming Zheng	2014/09/09	product family	R/A HEADER ASSY 16S+12DCP	cat. no.	10130746	rev	A
ASME Y14.5	linear	angular	0°	±2°	www.fci.com	Product - Customer Drw	sheet 3 of 5			

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
TOP LAYER DESCRIPTION	TABLE 2 (HPC SIGNALS) PLATED THROUGH-HOLE REQUIREMENTS							
	DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD 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)				

spec ref	*			dr	De-Ming Lu	2014/06/30	projection  MM	size	A2	scale	3:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	De-Ming Lu	2014/09/09		ecn no	-			
ASME Y14.5				chr	-	-		rel level	Released			
				appr	Pei-Ming Zheng	2014/09/09		product family				
surface 	linear	0.X	±0.5			title	R/A HEADER ASSY 16S+12DCP HCI POWER CONNECTOR	dwg no	10130746		rev	A
		0.XX	±0.25									
ASME Y14.5		0.XXX	±0.100									
	angular	0°	±2°		www.fci.com	cat. no.	Product - Customer Drw		sheet 4 of 5			

PART NUMBER	RETENTION CLIPS	#4 SCREW	DIM A (TAIL LENGTH)	TAIL TYPE
I0130746-001LF	NO	YES	3.43	SOLDER TAIL
I0130746-002LF	NO	YES	4.70	SOLDER TAIL
I0130746-003LF	YES	NO	3.43	SOLDER TAIL
I0130746-004LF	YES	NO	4.70	SOLDER TAIL



SCALE 2:1

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.



Copyright FCI.

spec ref	*	dr	De-Ming Lu	2014/06/30	projection	MM	size	A2	scale	3:1
tolerance std	ASME Y14.5	eng	De-Ming Lu	2014/09/09	chr	-	ecn no	-	rel level	Released
surface	✓	appr	Pei-Ming Zheng	2014/09/09	product family	R/A HEADER ASSY 16S+12DCP	cat. no.	I0130746	rev	A
ASME Y14.5	linear	0.X	±0.5	0.XX	±0.25	0.XXX	±0.100	angular	0°	±2°
www.fci.com										

PDS: Rev :A

STATUS:Released

Printed: Sep 11, 2014