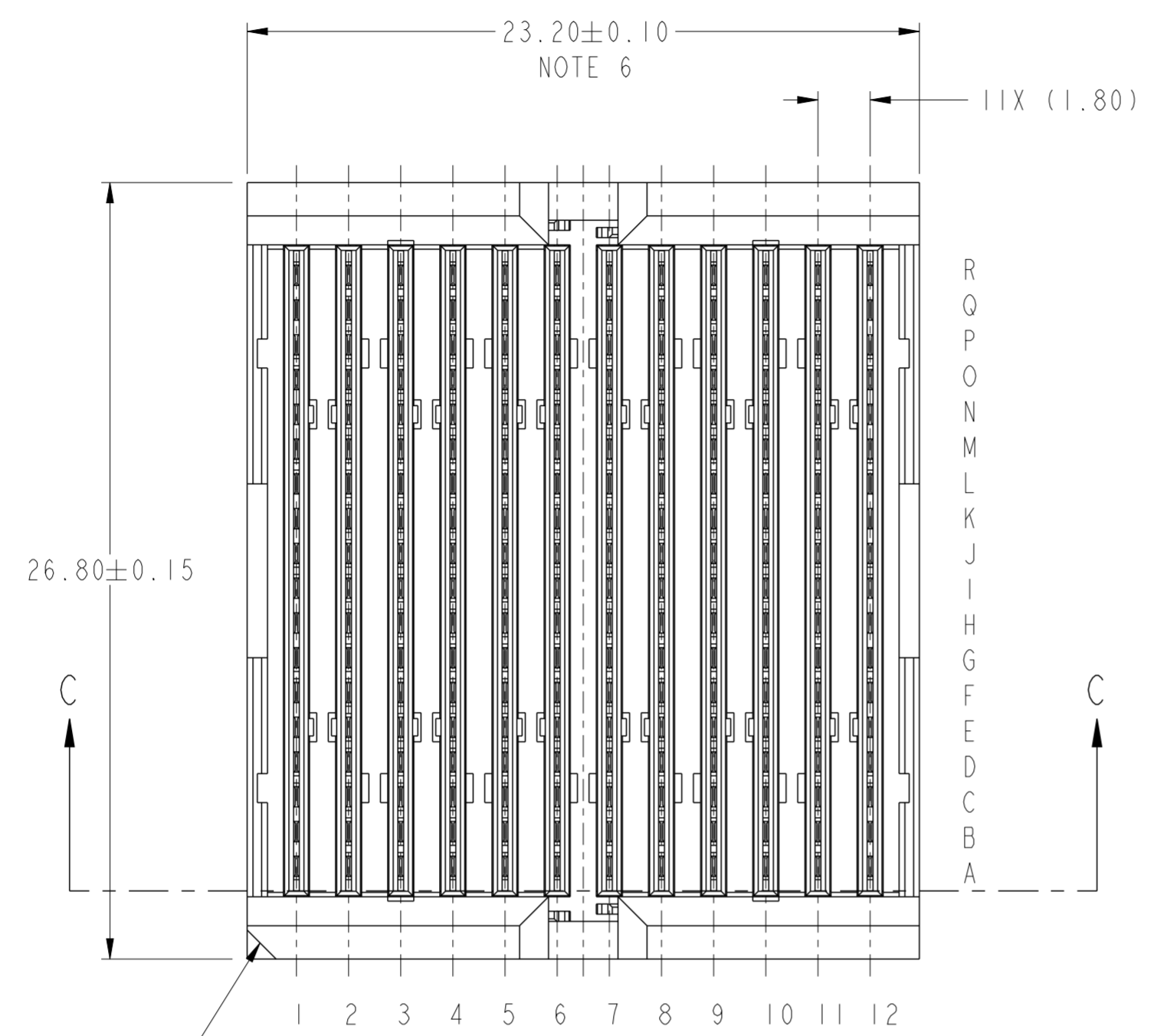
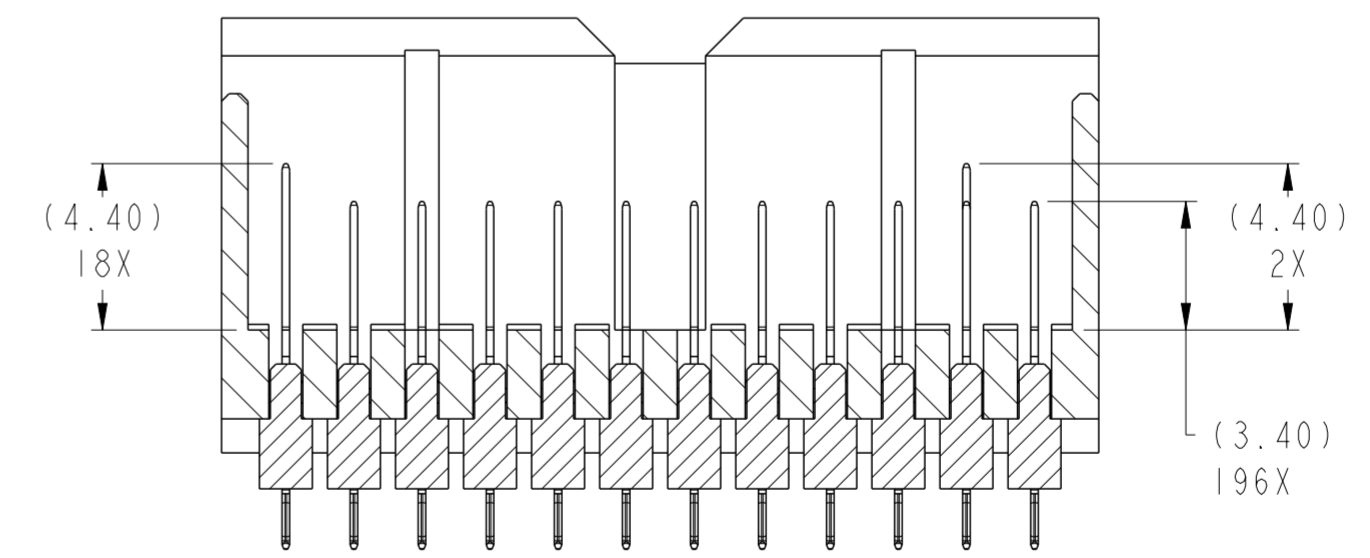
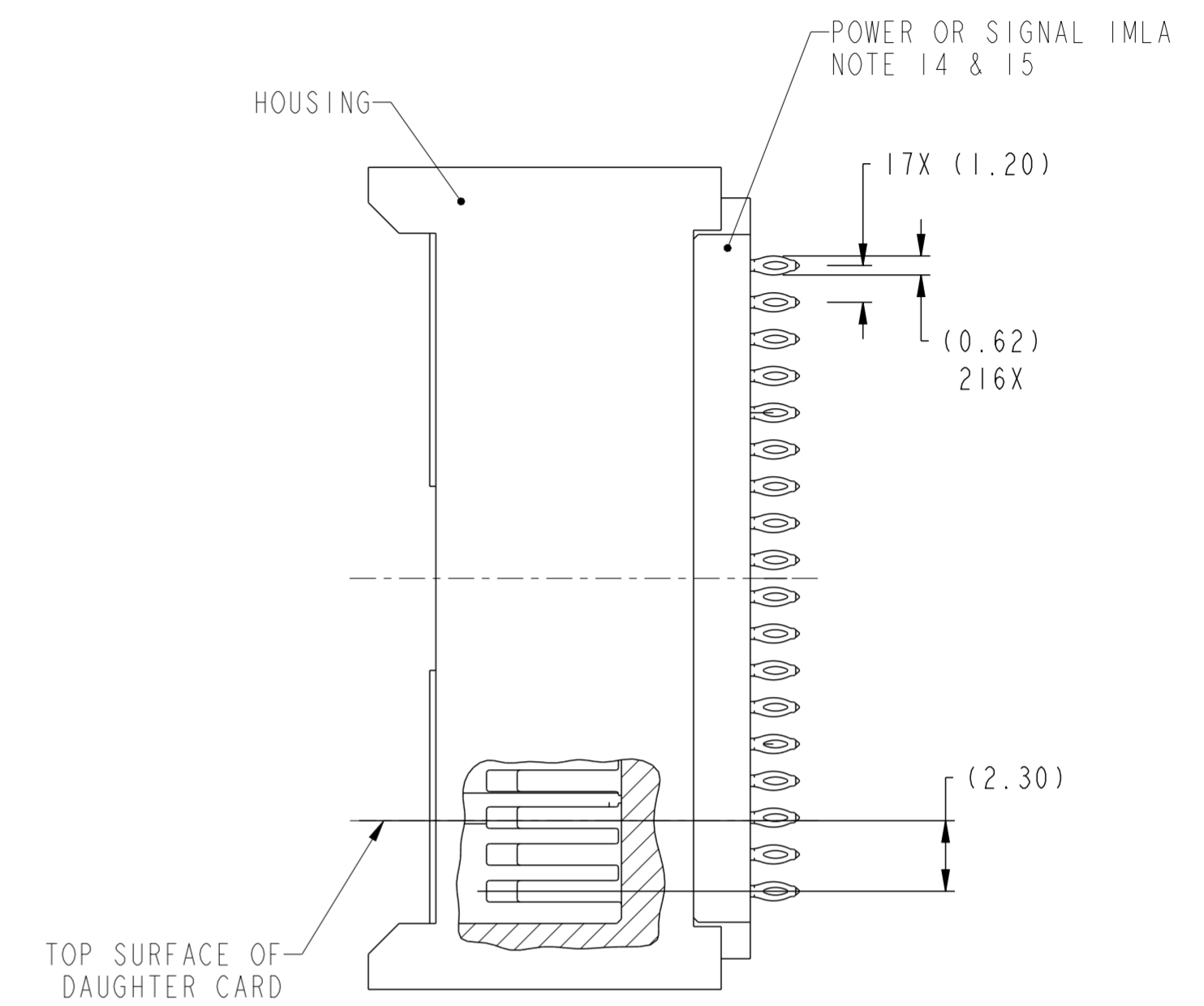
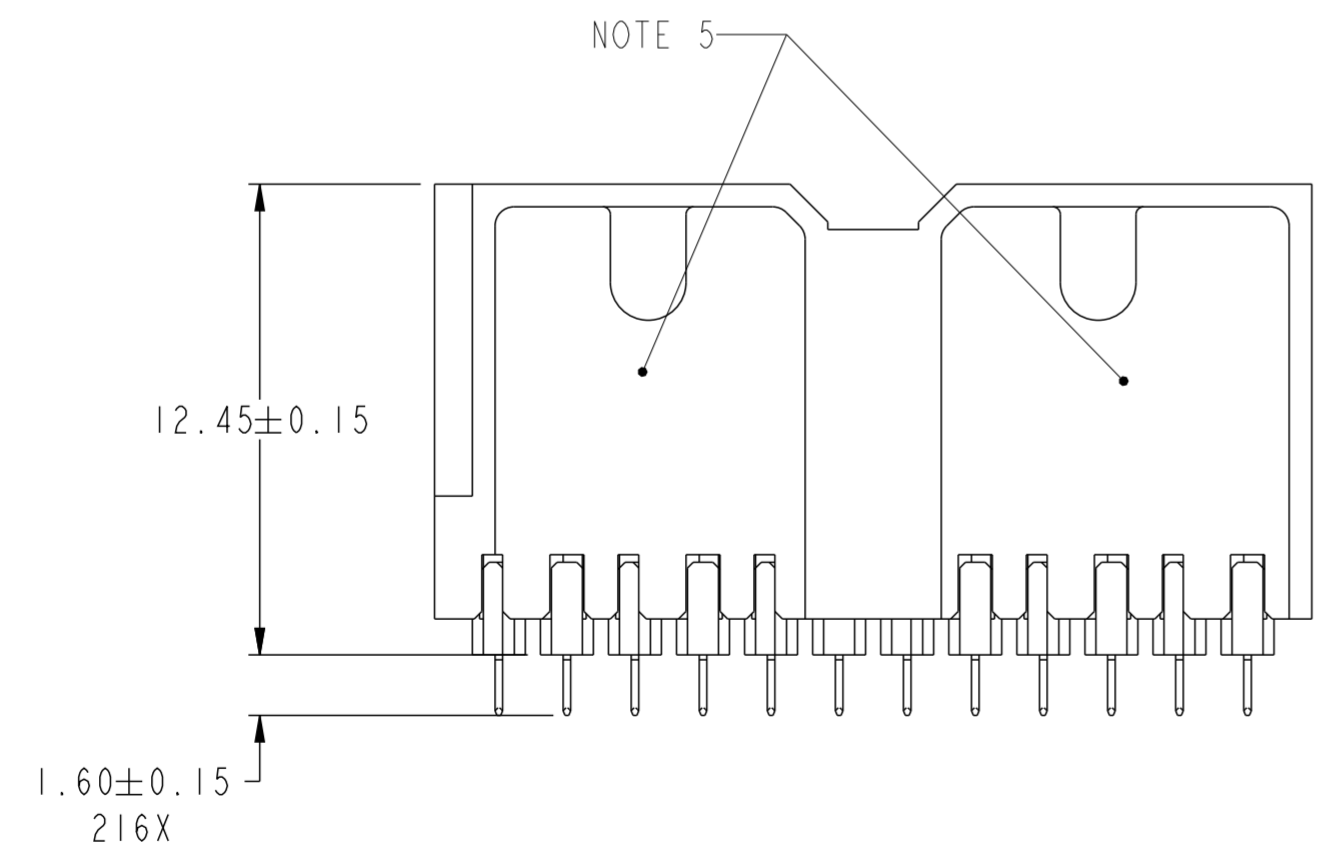


Product number
SEE TABLE, SHT 3



POS AI INDICATOR
NOTE 12



SECTION C-C

spec ref	dr	Yong-Keat Lim	2012/07/23	projection	MM	size	A2	scale	5:1
tolerance std	eng	N Anandakumar	2012/12/05			ecn no	-	rel level	Released
ASME Y14.5	chr	-							
	appr	Chen-Hong Tan	2012/12/05						
TOLERANCES UNLESS OTHERWISE SPECIFIED				product family	ZipLine	rel level	Released		
surface	linear	0.X	± 0.3		title ZipLine VERT HEADER ASSY, PWR 6 PR, 12 IMLA, 1.8mm PITCH, 23.4mm	dwg no 10122164	rev A		
		0.XX	± 0.10						
		0.XXX	± 0.050						
ASME Y14.5	angular	0°	$\pm 2^\circ$	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 1 of 3	

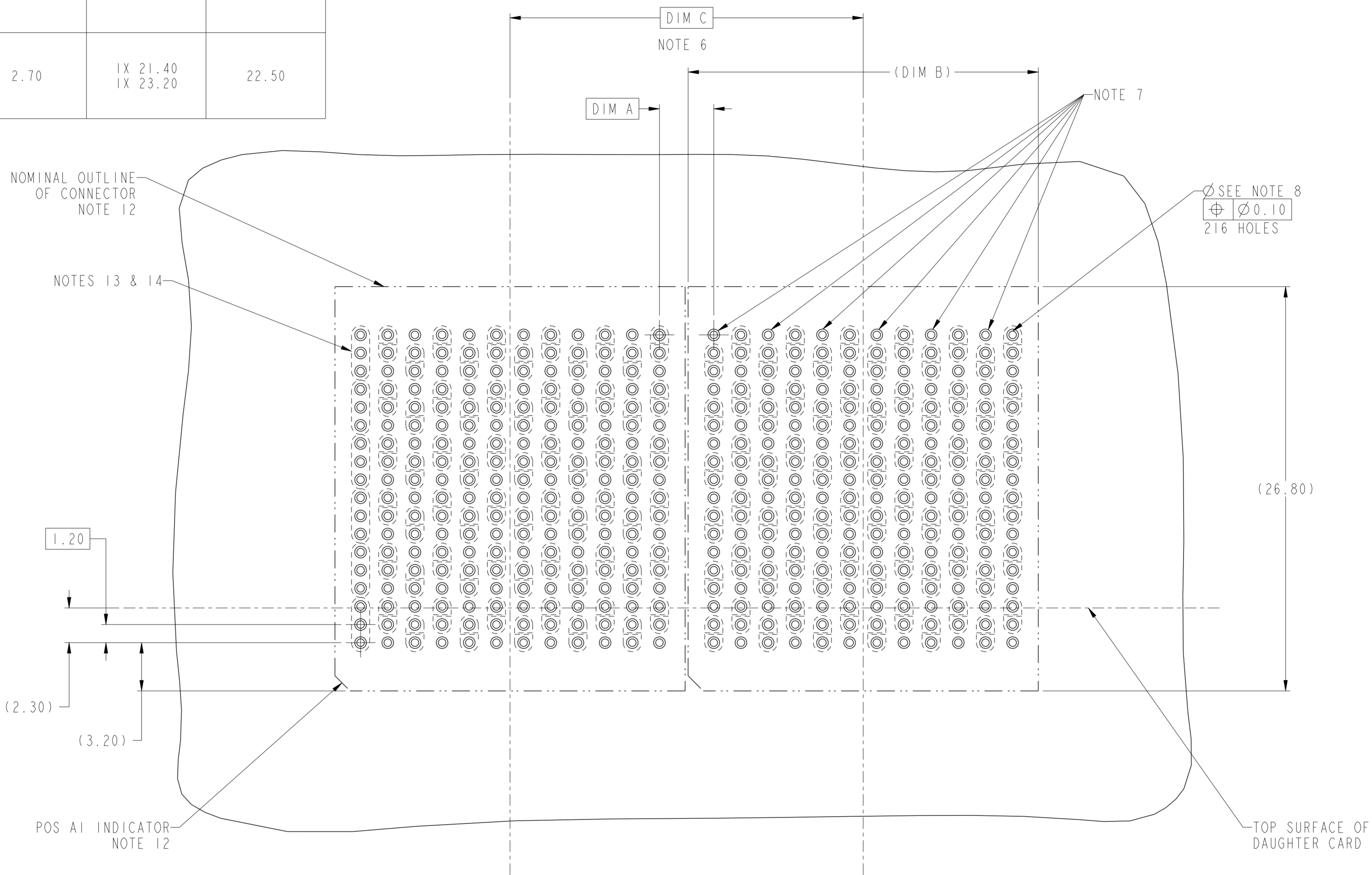
PDS: Rev :A

STATUS:Released

Printed: Dec 05, 2012

Copyright FCI. FCI

DESCRIPTION	DIM A	DIM B	DIM C
2-23.40MM MODULES PLACED END-TO-END	3.60	2X 23.20	23.40
1-21.60MM MODULE & 1-23.40MM MODULE PLACED END-TO-END	2.70	1X 21.40 1X 23.20	22.50



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FCI

spec ref	dr	Yong-Keat Lim	2012/07/23	projection	MM	size	A2	scale	5:1
tolerance std	eng	N Anandakumar	2012/12/05			ecn no	-	rel level	Released
ASME Y14.5	chr	-	appr						
surface	linear	0.X	±0.3			ZipLine VERT HEADER ASSY, PWR		dwg no 10122164	rev A
ASME Y14.5	angular	0°	±2°	www.fci.com		6 PR, 12 IMLA, 1.8mm PITCH, 23.4mm		Product - Customer Drw	sheet 2 of 3

PDS: Rev :A

STATUS:Released

Printed: Dec 05, 2012

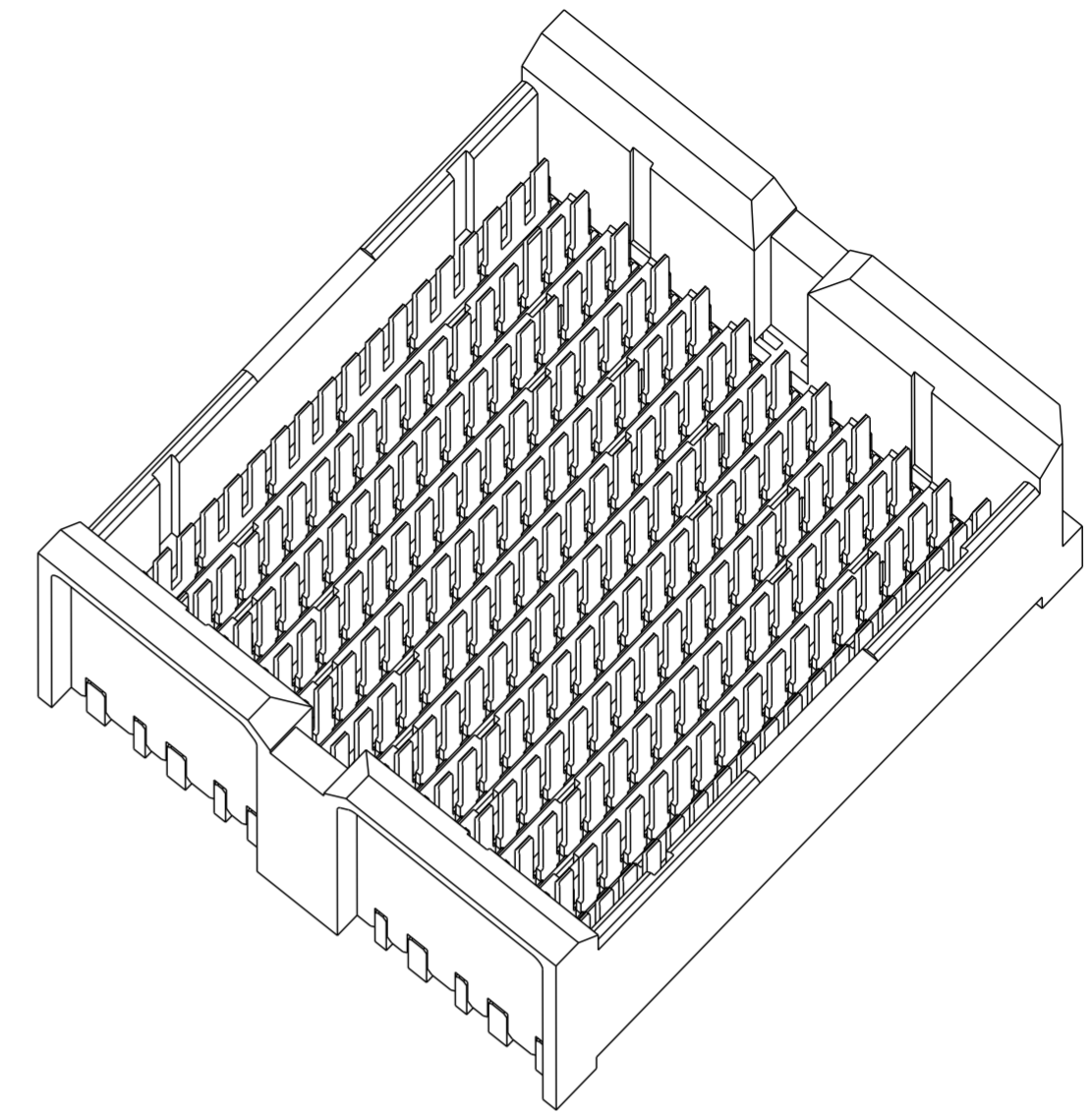
PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE	POWER (P) OR SIGNAL (S) BY COLUMN NUMBER (SEE NOTE 14)											
		1	2	3	4	5	6	7	8	9	10	11	12
10122164-105	TIN LEAD ALLOY OVER NICKEL	P	S	S	S	S	S	S	S	S	S	S	P
10122164-105LF	TIN OVER NICKEL (LEAD FREE)	P	S	S	S	S	S	S	S	S	S	S	P

SHORT AND LONG PIN LOCATIONS

PRODUCT NUMBER	COLUMN	SHORT PIN LOCATIONS 196X (DIM 3.4mm)	LONG PIN LOCATIONS 20X (DIM 4.4mm)
10122164-105 & 10122164-105LF	1	-	A-R
	2-10	A-R	-
	11	A,B,D-Q	C&R
	12	A-R	-

NOTES:

- CONNECTOR MATERIALS:
HOUSING: HIGH TEMP THERMOPLASTIC, BLACK, UL94V-0
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94V-0
CONTACT: COPPER ALLOY
- CONTACT PLATING:
SEPARABLE INTERFACE: PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-452 INCLUDING TELCORDIA GR-1217-CORE (NOVEMBER 1995) CENTRAL OFFICE TEST SEQUENCE
PRESS-FIT TAILS: SEE TABLE
- PRODUCT SPECIFICATION: GS-12-452.
- APPLICATION SPECIFICATION: GS-20-094.
- PRODUCT MARKING, (PART NUMBER & LOT CODE), ON THESE SURFACES.
- DIM "C" ON SHEET 2, PROVIDES THE MINIMUM CENTERLINE SPACING BETWEEN ADJACENT MODULES.
- THERE IS NO GROUND BUSSING WITHIN THE HEADER CONNECTOR. HOWEVER, POSITIONS R1, R3, R5, R7, R9, & R11 OF THE MATING RECEPTACLE ARE BUSSED. THESE MUST BE ASSIGNED AS GROUNDS.
- REFER TO CUSTOMER DRAWING 10045979 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 40 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.
- CONNECTOR OUTLINE WITH HOUSING POS A1 INDICATOR MAY BE SCREEN PRINTED ONTO CUSTOMER PCB TO BE USED AS A GUIDE FOR MANUAL CONNECTOR PLACEMENT.
- WITHIN ANY POWER COLUMN, EACH 3 OF THE 18 CONTACT POSITIONS ARE COMMONED TO FORM 6 POWER CONTACTS. PCB LAYOUT SHOWS ONE CONFIGURATION OF COMMONED VIAS MAKING UP THE 6 INDIVIDUAL POWER POSITIONS. ADDITIONAL CUSTOMER-DEFINED PCB LAYOUTS WILL ALLOW ANYWHERE FROM ONE TO SIX POWER LINES WITHIN A COLUMN.
- PRODUCT CAN BE CONFIGURED WITH POWER IN ANY COLUMN OR MULTIPLE COLUMNS.
- PLASTIC FOR POWER COLUMNS IS WHITE. PLASTIC FOR SIGNAL COLUMNS IS BLACK. SEE PART NUMBER TABLE FOR APPLICABLE POWER (P) AND SIGNAL (S) COLUMN LOADING POSITIONS.



10122164-101

spec ref	dr	Yong-Keat Lim	2012/07/23	projection	MM	size	A2	scale	1:1
tolerance std	eng	N Anandakumar	2012/12/05			ecn no	-	rel level	Released
ASME Y14.5	chr	-							
-	appr	Chen-Hong Tan	2012/12/05						
surface	linear	0.X	±0.3			ZipLine VERT HEADER ASSY, PWR		dwg no	10122164
ASME Y14.5	angular	0°	±2°	www.fci.com		6 PR, 12 IMLA, 1.8mm PITCH, 23.4mm		rev	A
				cat. no.		Product - Customer Drw		sheet 3 of 3	

