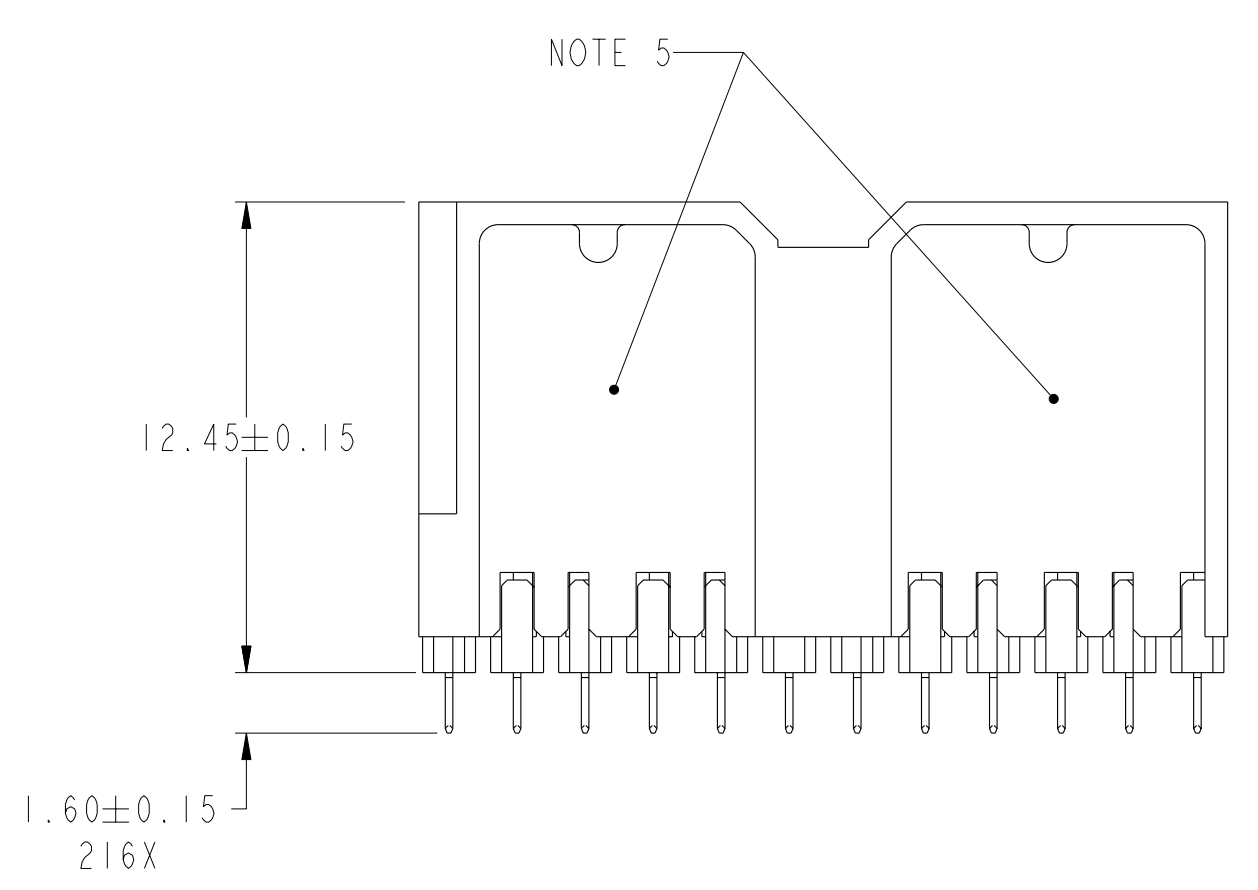
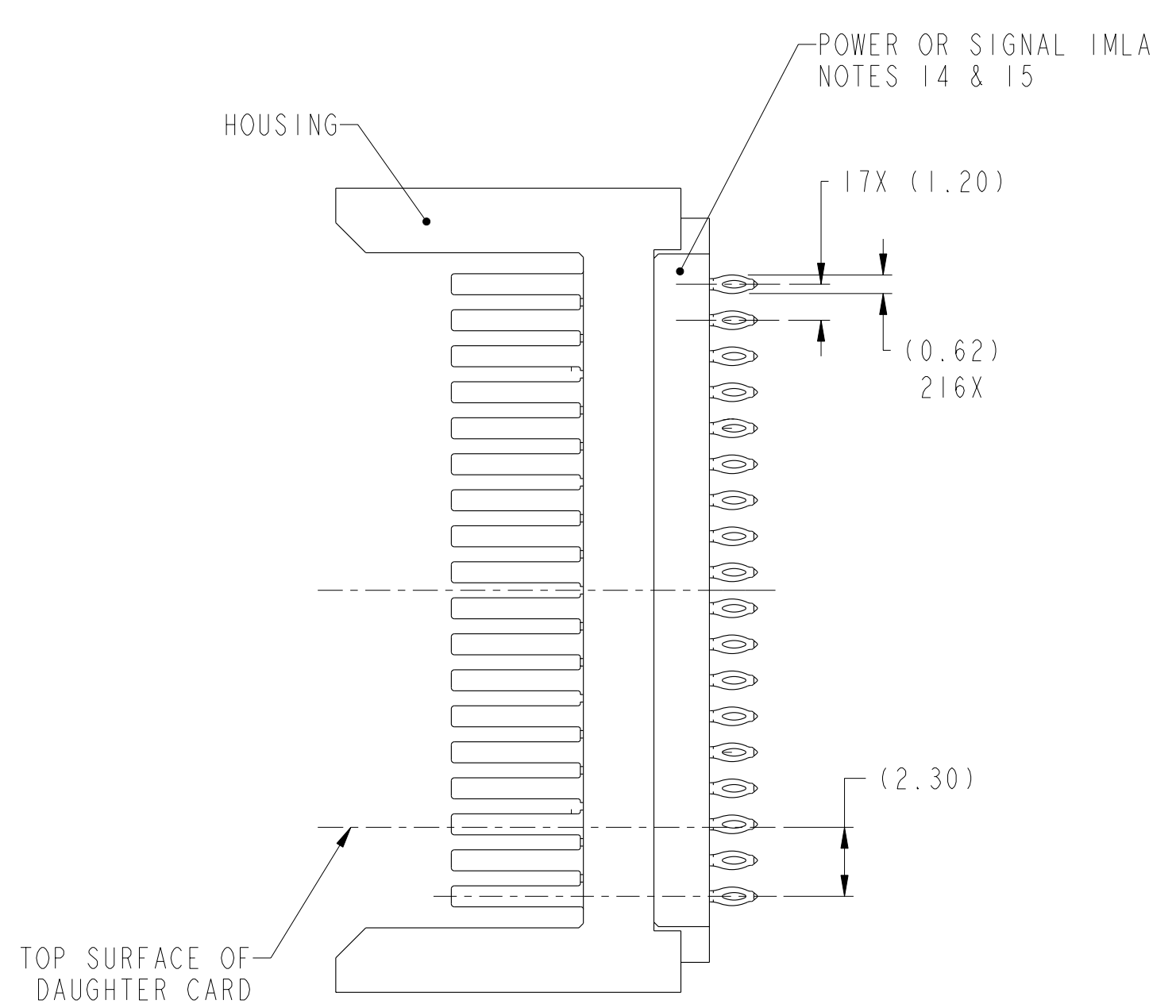
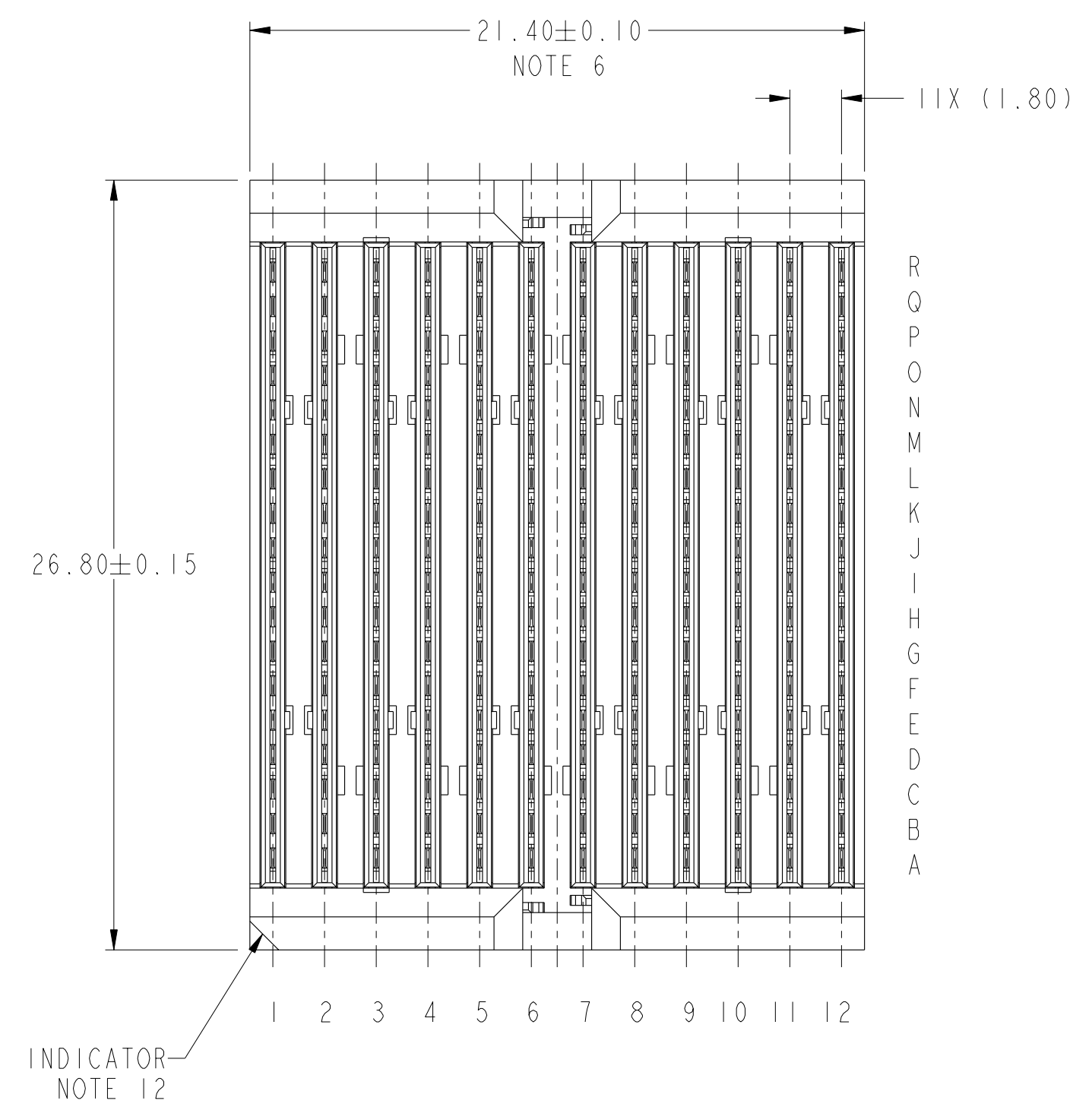


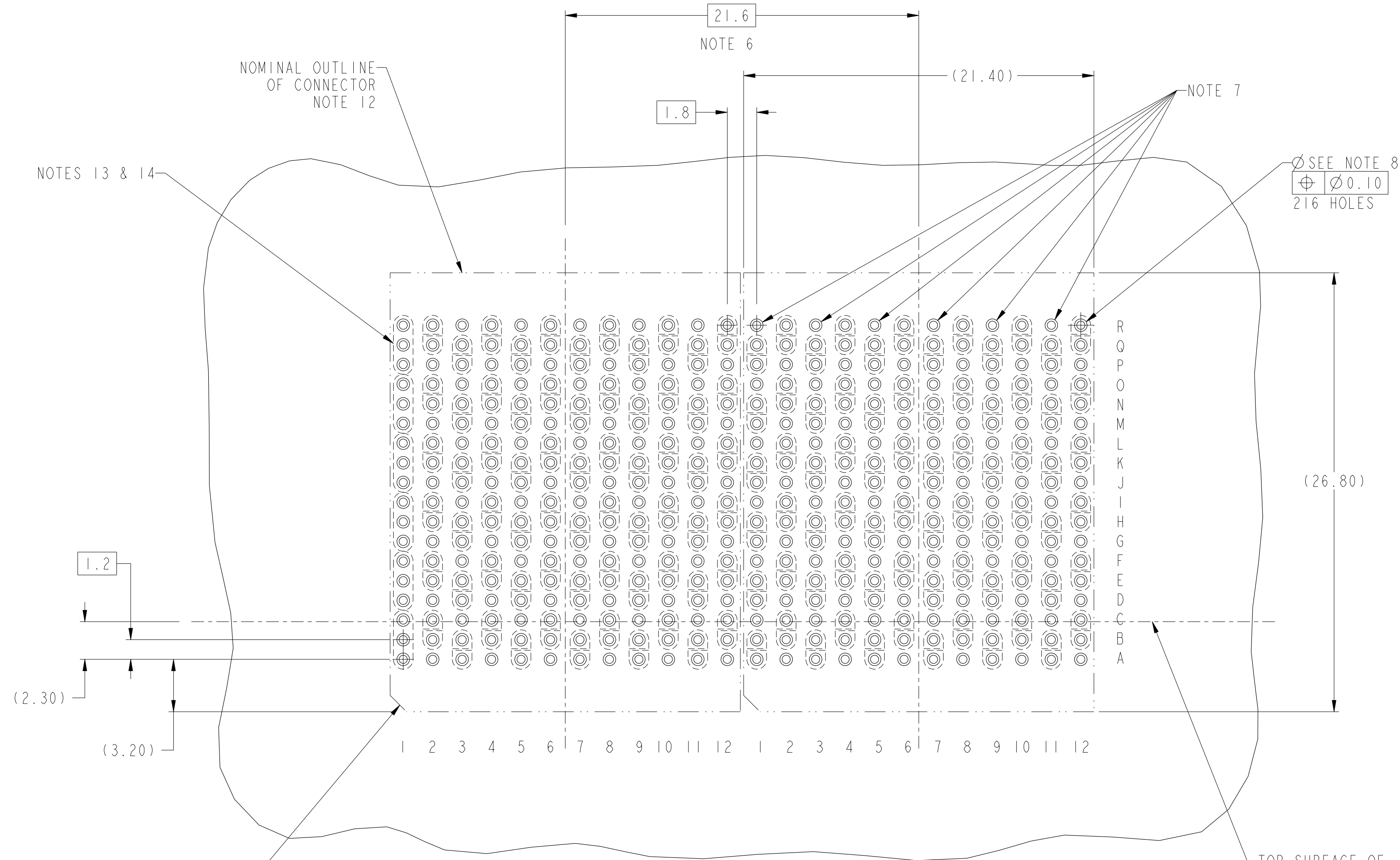
Product number
SEE TABLE, SHT 3



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rev	ecn no	dr	date
A	V09-0382	DMJ	2009-08-03
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com		surface ASME Y14.5	tolerance std ASME Y14.5	projection	MM
		TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	G. HULL	2007-12-05	ANGULAR	0.X	±0.3
Eng	J. SWAIN	2007-12-05	LINEAR	0.XX	±0.10
Chr	J. SWAIN	2007-12-05	0° ±2°	0.XXX	±0.050
Appr	D. JOHNESCU	2009-07-23	Product family		ZipLine
FCJ		Title		ZipLine VERT HEADER ASSY, PWR	
		Part no		10084166	
		Catalog no		CUSTOMER	
		Rev.		A	
		sheet 1 of 3			



NOMINAL OUTLINE
OF CONNECTOR
NOTE 12

NOTES 13 & 14

21.6
NOTE 6

1.8

(21.40)

NOTE 7

Ø SEE NOTE 8
Ø 0.10
216 HOLES

(26.80)

1.2

(2.30)

(3.20)

1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12

R
Q
P
O
N
M
L
K
J
I
H
G
F
E
D
C
B
A

TOP SURFACE OF
DAUGHTER CARD

POS AI INDICATOR
NOTE 12

RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS,
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTE 8
POWER LAYOUT REPRESENTED
BY COLUMN 1 AT FAR LEFT



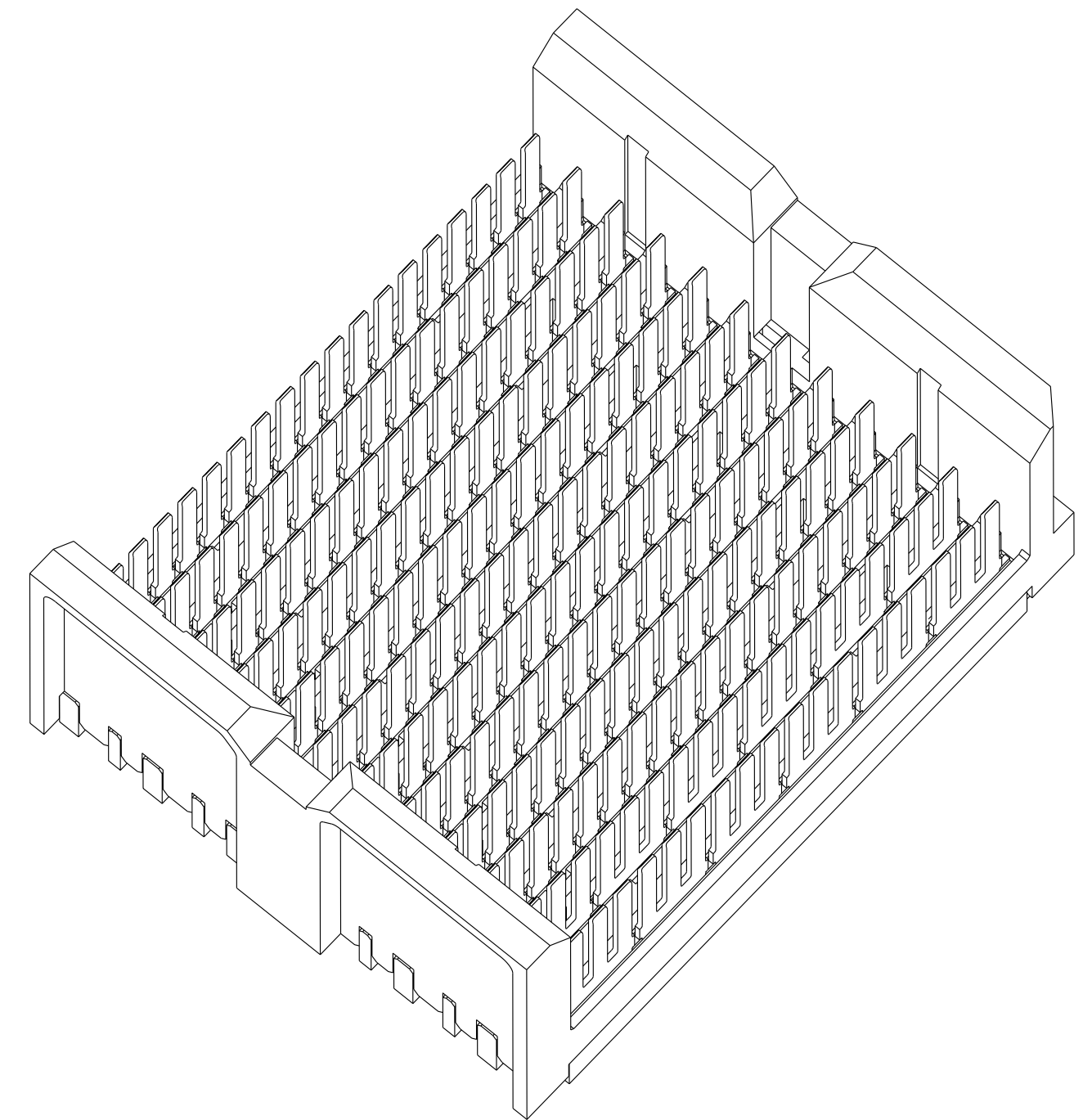
Copyright FCJ.

	title ZipLine VERT HEADER ASSY, PWR 6 PR, 12 IMLA, 1.8mm PITCH, 21.6mm	dwg no 10084166	Rev. A
	catalog no -	CUSTOMER	sheet 2 of 3

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
10084166-101	TIN LEAD ALLOY OVER NICKEL	P	S	S	S	S	S	S	S	S	S	S	S
10084166-101LF	TIN OVER NICKEL (LEAD FREE)	P	S	S	S	S	S	S	S	S	S	S	S
10084166-103	TIN LEAD ALLOY OVER NICKEL	P	P	S	S	S	S	S	S	S	S	S	S
10084166-103LF	TIN OVER NICKEL (LEAD FREE)	P	P	S	S	S	S	S	S	S	S	S	S
10084166-105	TIN LEAD ALLOY OVER NICKEL	P	S	S	S	S	S	S	S	S	S	S	P
10084166-105LF	TIN OVER NICKEL (LEAD FREE)	P	S	S	S	S	S	S	S	S	S	S	P

NOTES:

1. CONNECTOR MATERIALS:
HOUSING: HIGH TEMP THERMOPLASTIC, BLACK, UL94V-0
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94V-0
CONTACT: COPPER ALLOY
2. 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
3. PRODUCT SPECIFICATION: GS-12-452.
4. APPLICATION SPECIFICATION: GS-20-094.
5. PRODUCT MARKING, (PART NUMBER & LOT CODE), ON THESE SURFACES.
6. THE MINIMUM CENTERLINE SPACING BETWEEN ADJACENT MODULES IS 21.6mm.
7. 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.
8. REFER TO CUSTOMER DRAWING 10045979 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS.
9. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
10. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 40 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
11. PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.
12. CONNECTOR OUTLINE WITH HOUSING POS A1 INDICATOR MAY BE SCREEN PRINTED ONTO CUSTOMER PCB TO BE USED AS A GUIDE FOR MANUAL CONNECTOR PLACEMENT.
13. 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.
14. PRODUCT CAN BE CONFIGURED WITH POWER IN ANY COLUMN OR MULTIPLE COLUMNS.
15. 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.



10084166-10X



title	ZipLine VERT HEADER ASSY, PWR	dwg no	10084166	Rev.	A
	6 PR, 12 IMLA, 1.8mm PITCH, 21.6mm				
catalog no		CUSTOMER	sheet 3 of 3		



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