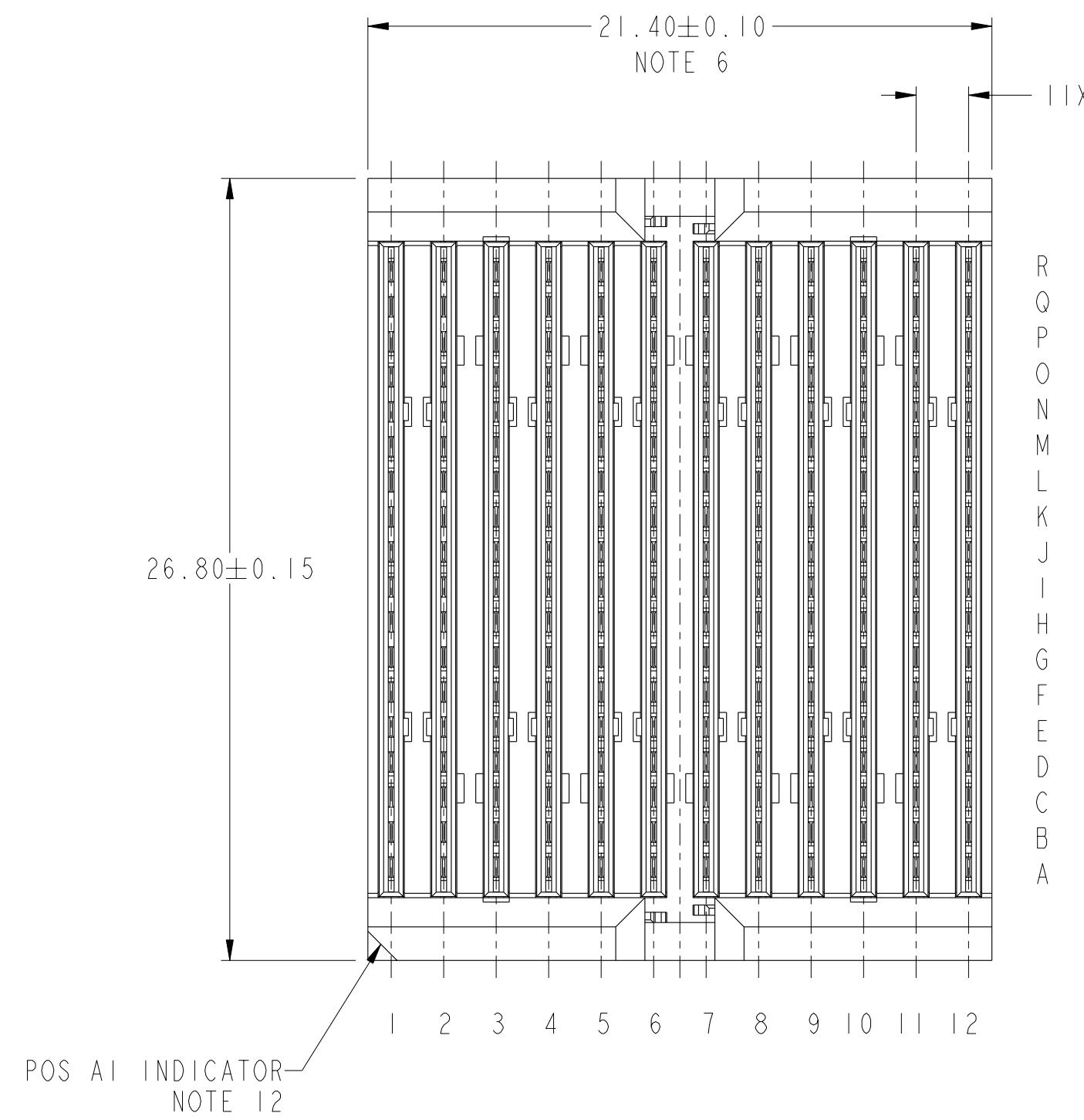
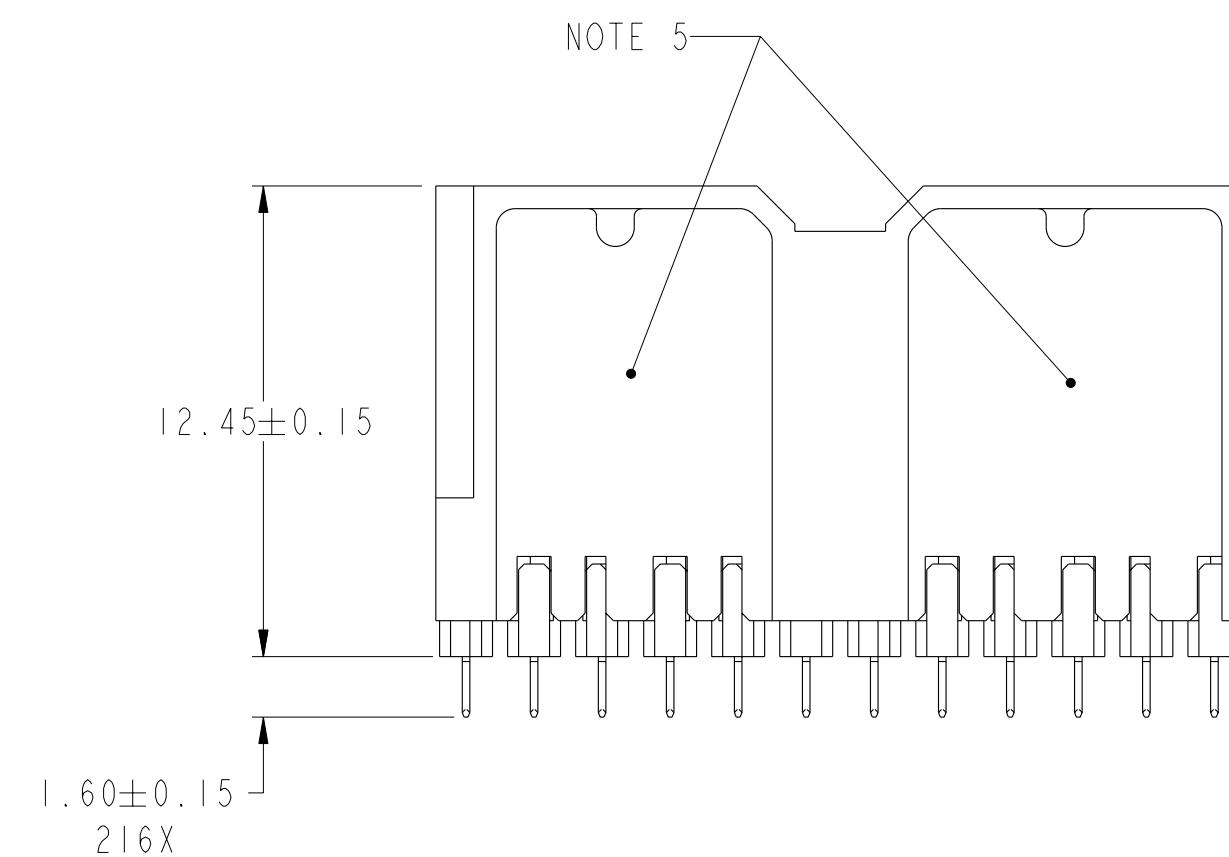
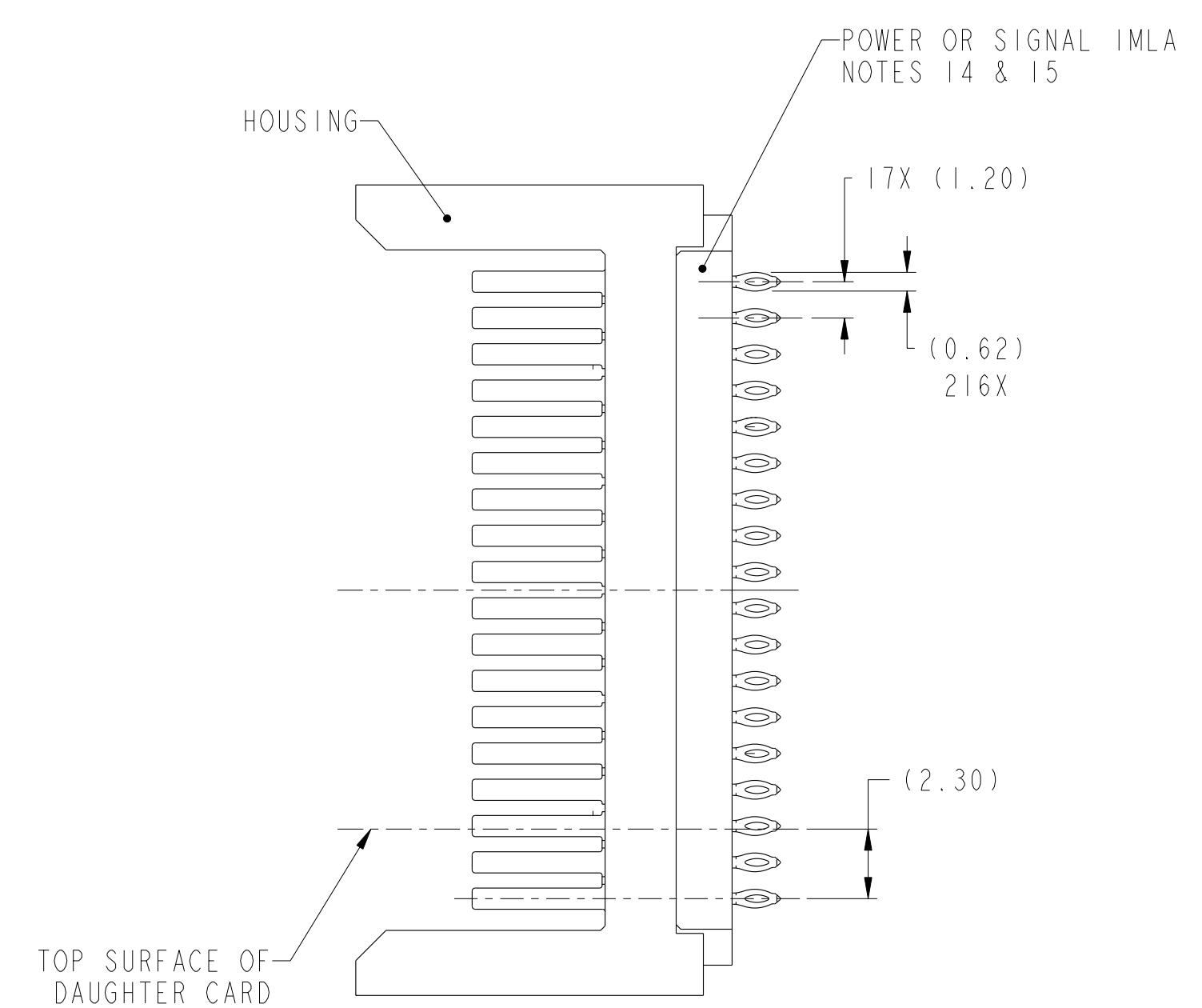


Product number
SEE TABLE, SHT 3

A



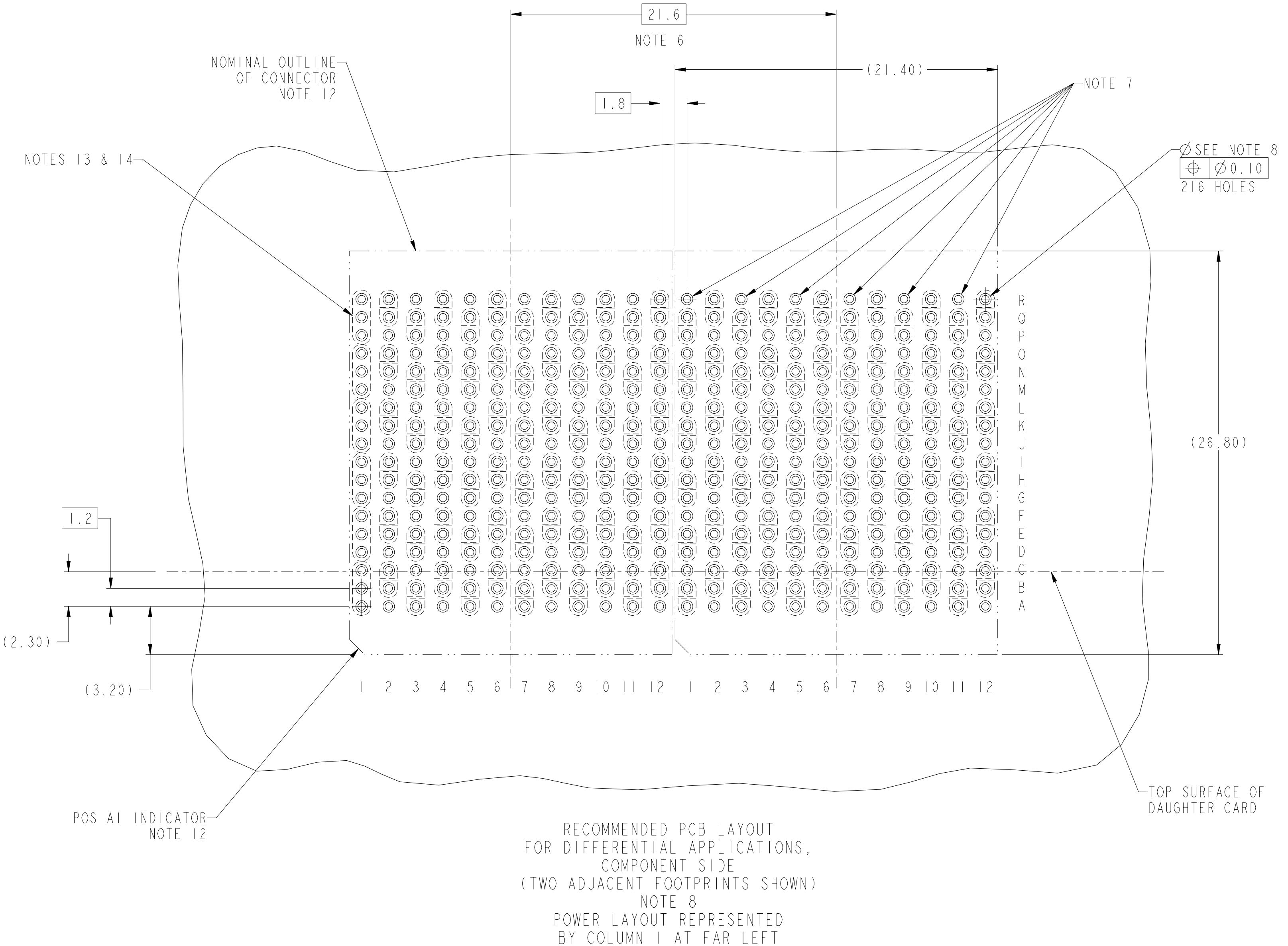
R Q P O N M L K J I H G F E D C B A



www.fciconnect.com				surface	-	tolerance std	projection	MM
rev	ecn no	dr	date	ASME Y14.5	✓	ASME Y14.5	-	
A	V09-0382	DMJ	2009-08-03	ANGULAR		0.X	±0.3	size A2
-	-	-	-	LINEAR		0.XX	±0.10	Scale 5:1
-	-	-	-			0.XXX	±0.050	ECN ***
-	-	-	-					
-	-	-	-					
-	-	-	-					
-	-	-	-					
-	-	-	-					
Appr. D. JOHnescu 2009-07-23				Product family	ZipLine	Spec ref		
FCI								
Title ZipLine VERT HEADER ASSY, PWR				no	10084166	Rev.		
6 PR, 12 IMLA, 1.8mm PITCH, 21.6mm				dwg no				
catalog no				-				
CUSTOMER								
sheet 1 of 3								

FCI

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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 &amp; 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, &amp; RII OF THE MATING RECEPTACLE ARE BUSSSED. 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

