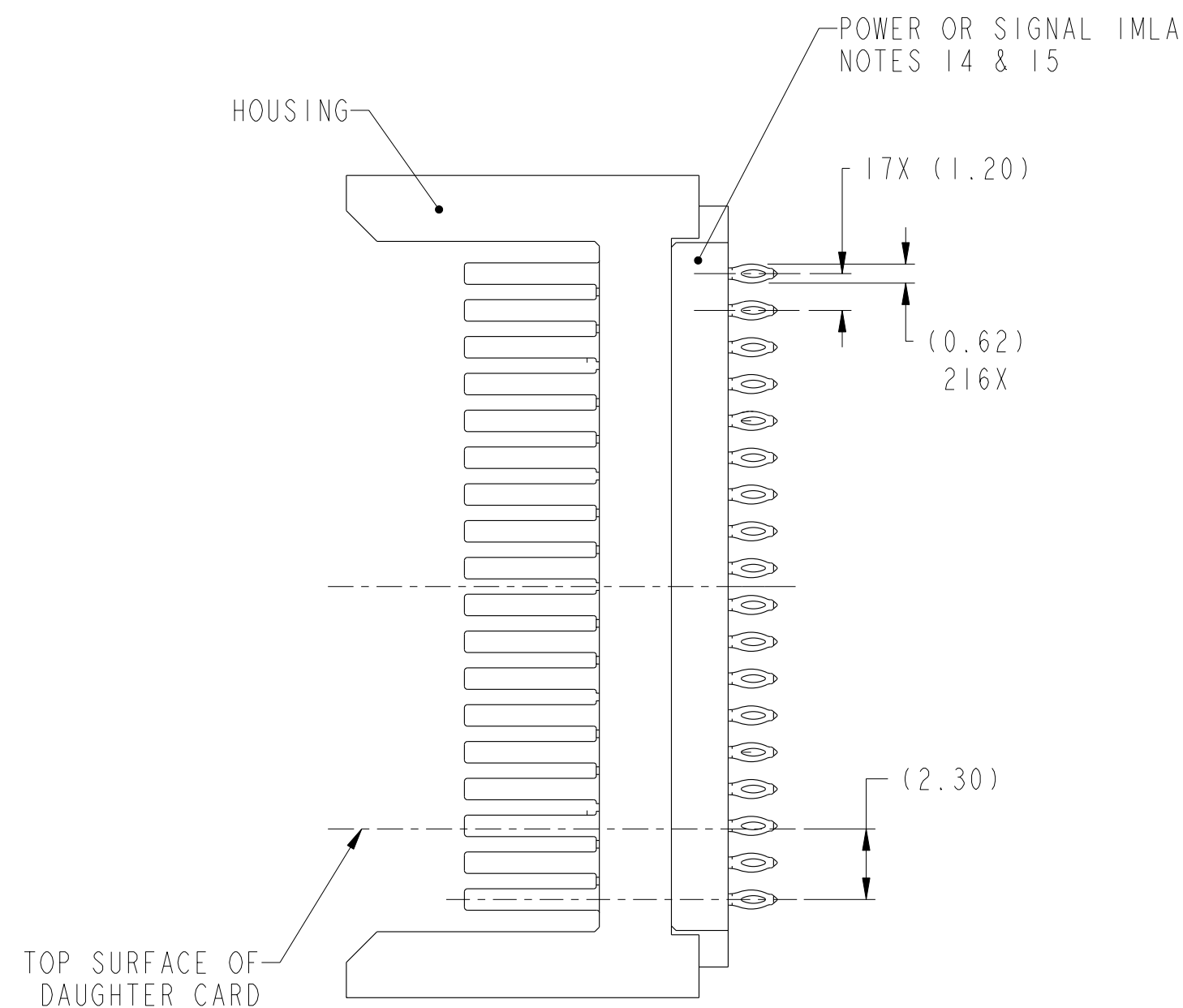
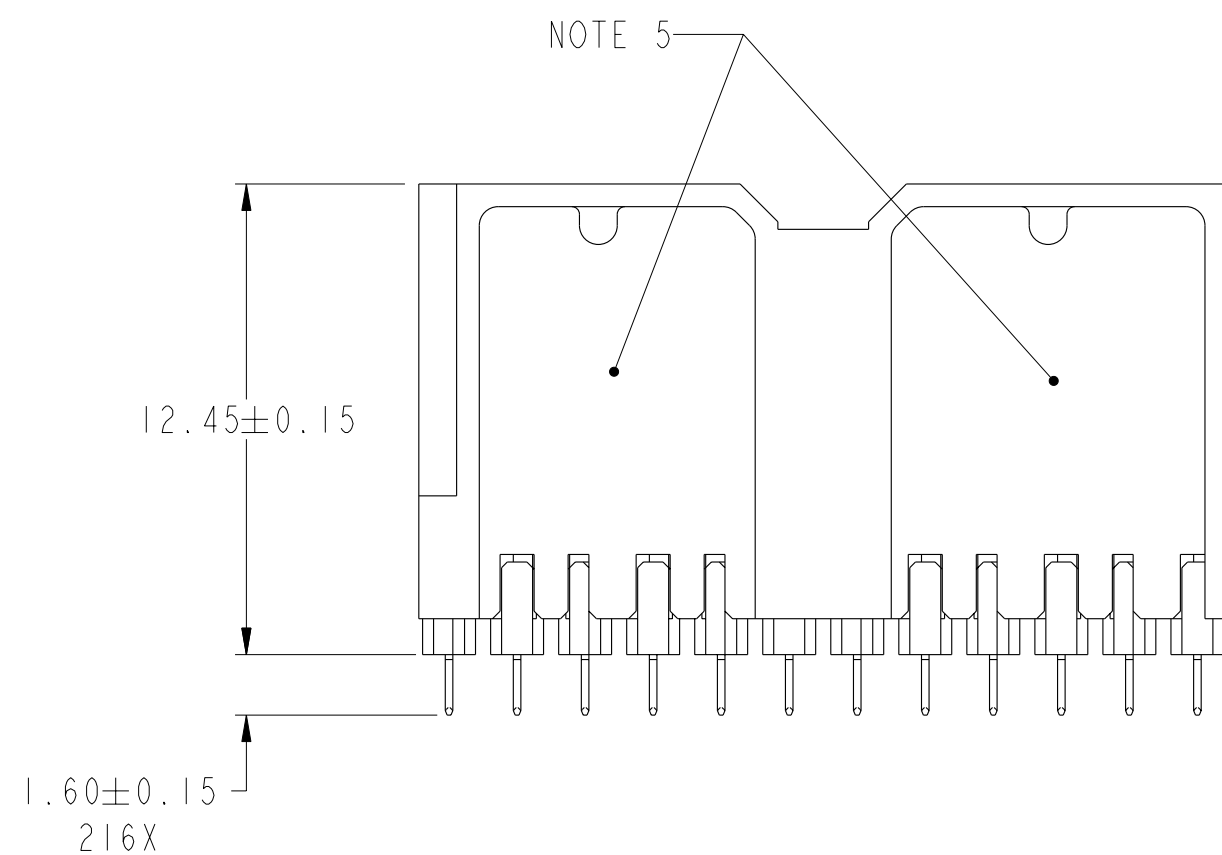
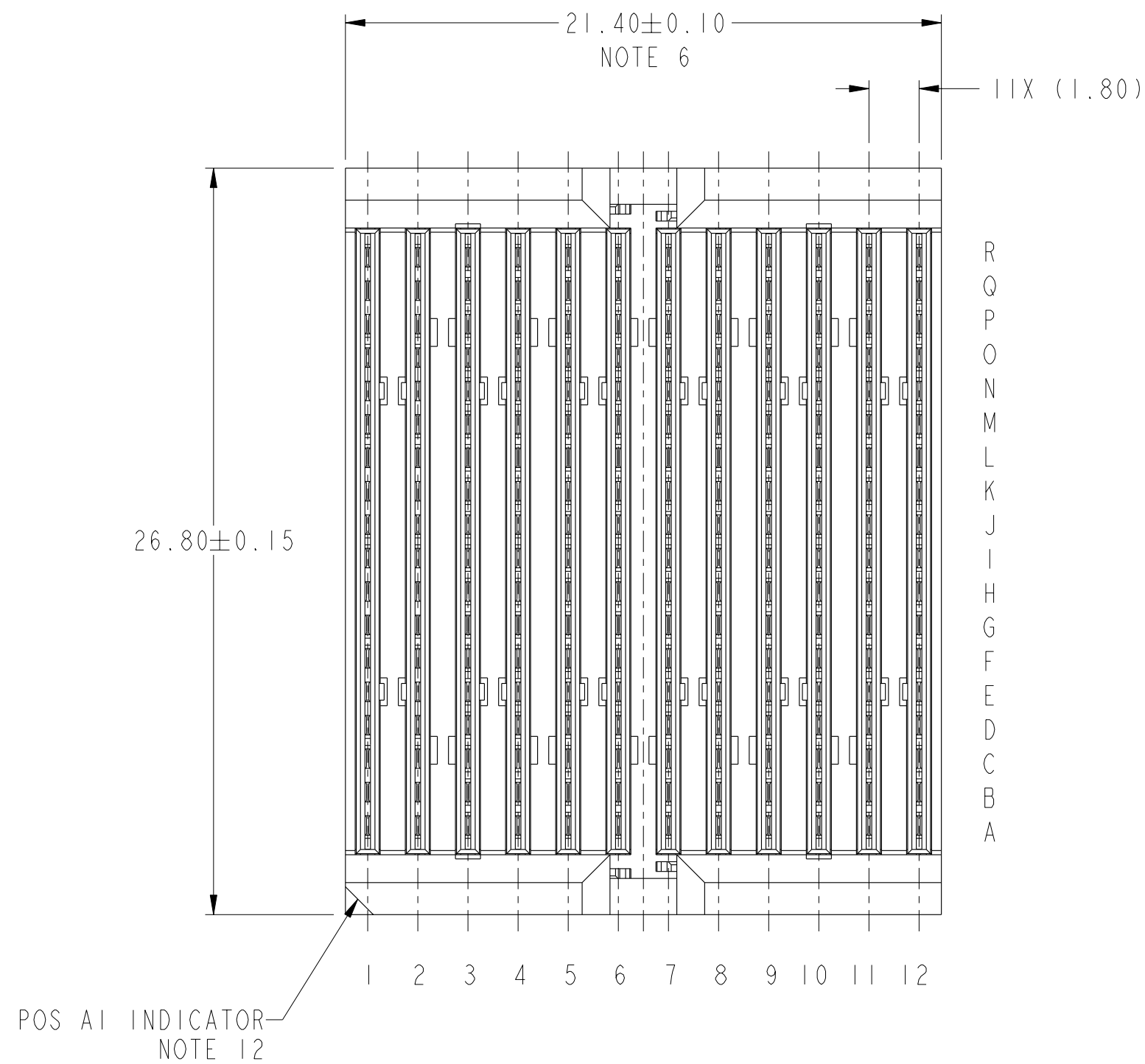



Product number
SEE TABLE, SHT 3



| rev | ecn no | dr | date |
|-----|----------|-----|------------|
| A | V09-0382 | DMJ | 2009-08-03 |
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|---|--------------|------------|---------------------------------------|--------|-----------------------------|---------|------------|--------------|-----------|-----|
| 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 | LINEAR | 0.X | ±0.3 | size A2 | Scale 5:1 | | |
| Eng | J. SWAIN | 2007-12-05 | | | 0.XX | ±0.10 | | | | |
| Chr | J. SWAIN | 2007-12-05 | | | 0°. ±2° | 0.XXX | | | ±0.050 | ECN |
| Appr | D. JOHNESECU | 2009-07-23 | Product family | | | ZipLine | Spec ref | | | |
|  | | | ZipLine VERT HEADER ASSY, PWR | | | | 10084166 | | Rev. A | |
| | | | 6 PR, 12 IMLA, 1.8mm PITCH, 21.6mm | | | | | | | |
| | | | catalog no | | | | CUSTOMER | | | |



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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 & 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.

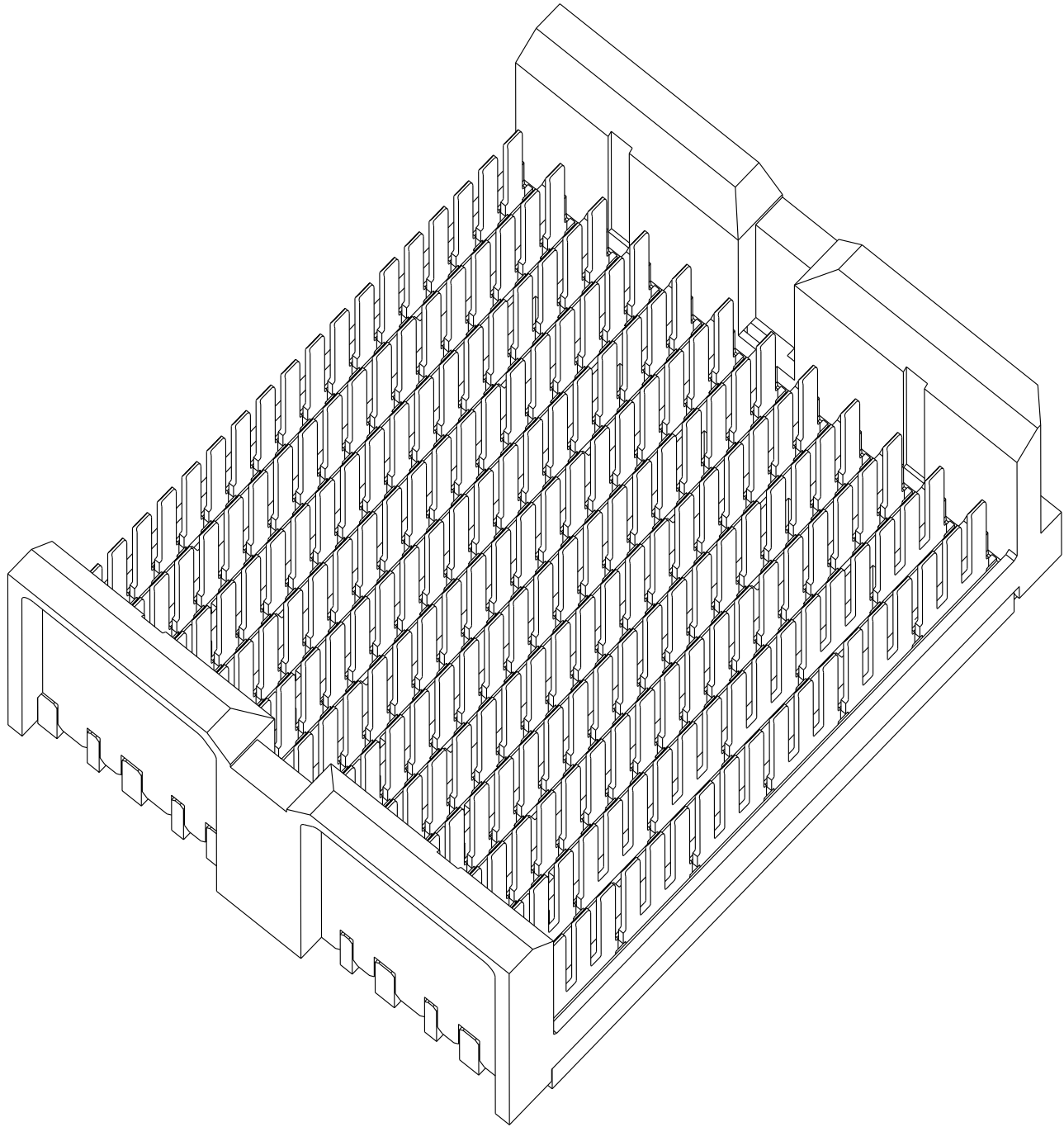
11. PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.

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

FCI

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REV F - 2006-04-17

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PDM: Rev:A

FCI

title

ZipLine VERT HEADER ASSY, PWR

6 PR, 12 IMLA, 1.8mm PITCH, 21.6mm

catalog no

Rev.

A

no

10084166

CUSTOMER

sheet 3 of 3

STATUS:Released

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Printed: Dec 01, 2010