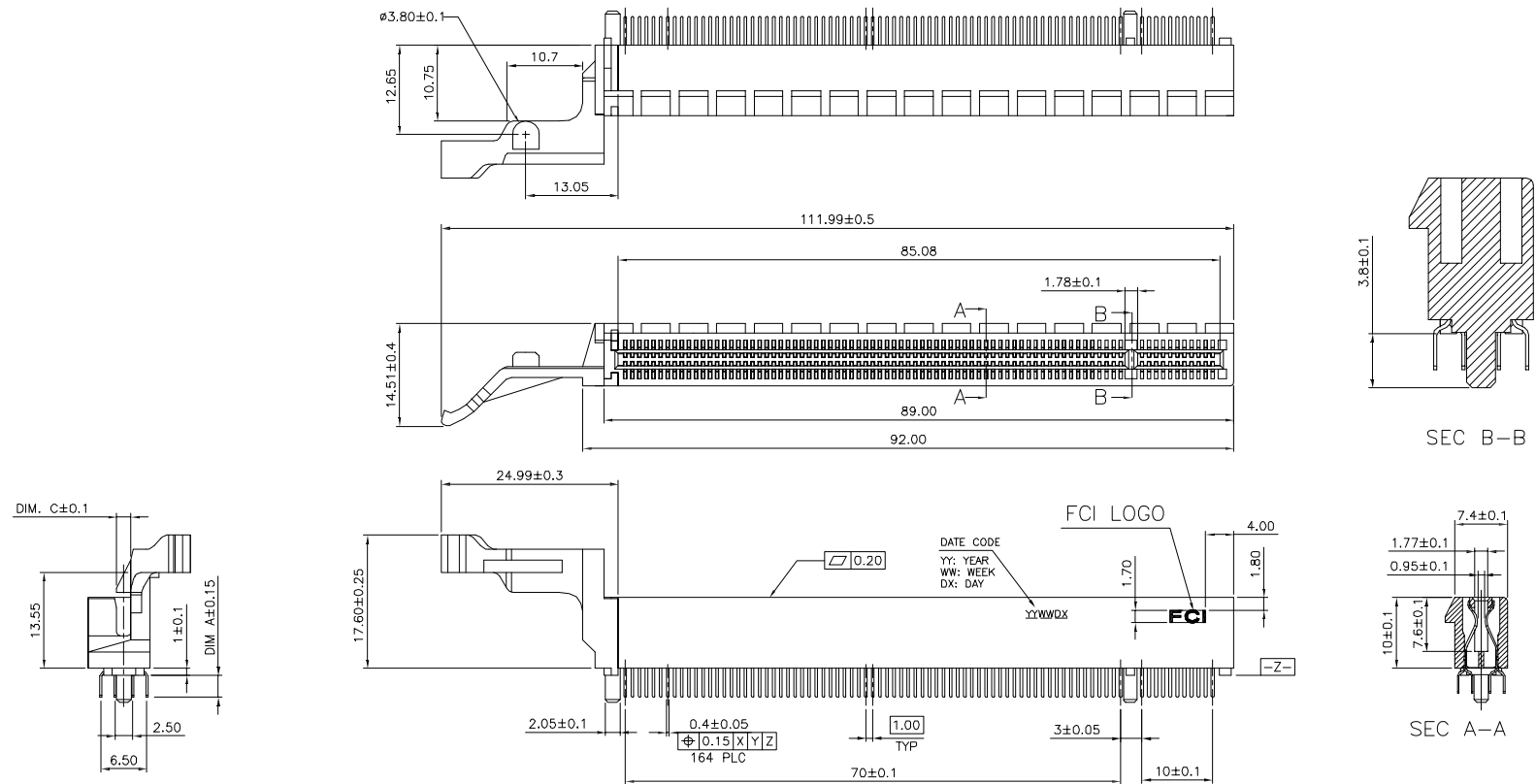
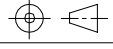
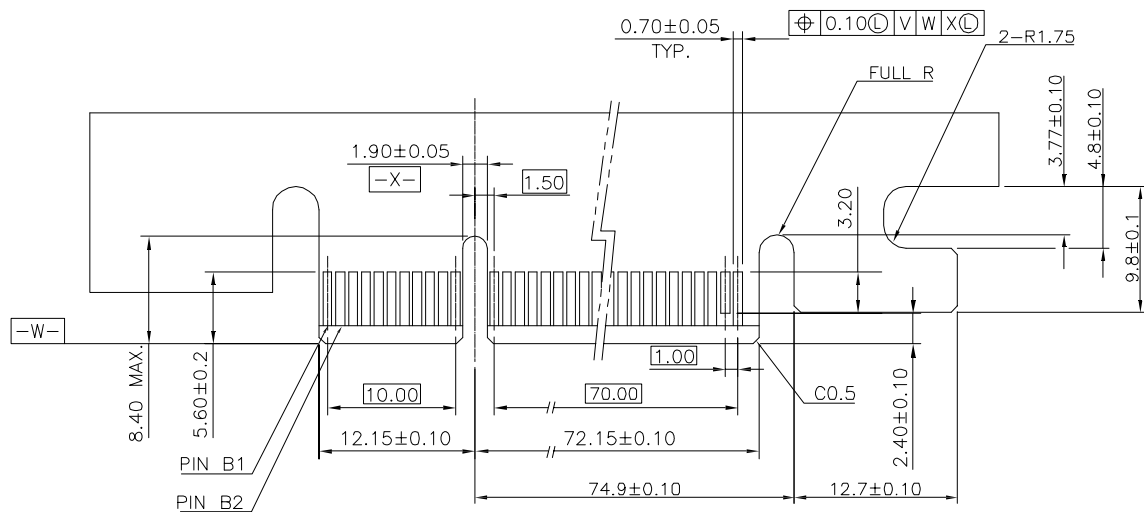




| PART NUMBER       | DIM.A |
|-------------------|-------|
| 10085429-XXX13TLF | 3.10  |
| 10085429-XXX23TLF | 2.30  |

| mat'l. code |                |     |          | tolerances unless otherwise specified |             | CUSTOMER COPY                                                                                             | <br>www.fciconnect.com |
|-------------|----------------|-----|----------|---------------------------------------|-------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| ltr         | ecn no         | dr  | date     |                                       |             |                                                                                                           |                                                                                                             |
| A           | T08-1030       | J.H | 2/25/08  | linear                                | .X ± 0.38   | projection<br><br>MM | title<br>PCI-E INTEGRATED R-TYPE GEN3<br>CARD EDGE ASS'Y                                                    |
| B           | ELX-DG-2161-1  | ST  | 05/27/16 | angles                                | .XX ± 0.25  |                                                                                                           |                                                                                                             |
|             |                |     |          |                                       | .XXX ± 0.10 |                                                                                                           |                                                                                                             |
|             |                |     |          | dr                                    | STONE LI    |                                                                                                           |                                                                                                             |
|             |                |     |          | enr                                   | STONE LI    |                                                                                                           |                                                                                                             |
|             |                |     |          | chr                                   | /           |                                                                                                           |                                                                                                             |
|             |                |     |          | appd                                  | PM ZHENG    |                                                                                                           |                                                                                                             |
|             |                |     |          |                                       | 05/27/15    |                                                                                                           |                                                                                                             |
| sheet index | revision sheet | B 1 | B 2      | B 3                                   |             | scale 1:1                                                                                                 | product family<br>EDGE CARD<br>size<br>A4                                                                   |
|             |                |     |          |                                       |             |                                                                                                           | code<br>TWN<br>sheet 1 of 3                                                                                 |

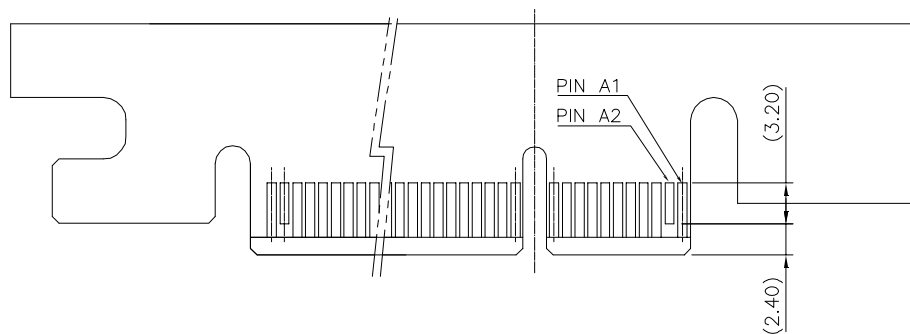
cage code  
22526



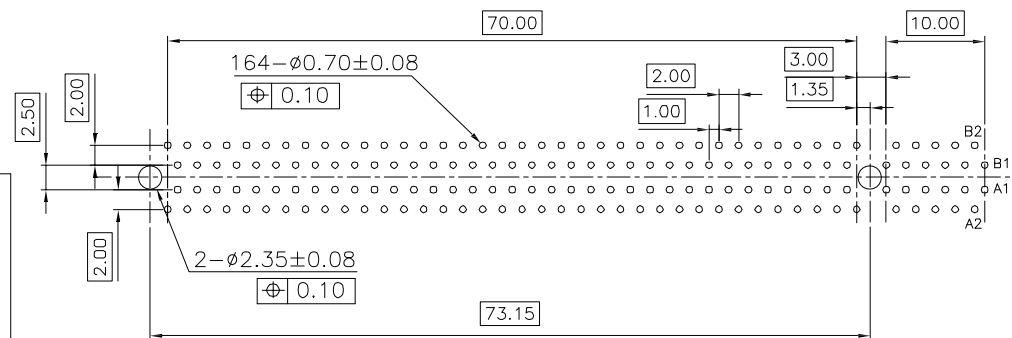
SCALE 2:1

ADD-IN CARD EDGE-FINGER DIMENSIONS

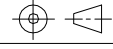
I/O PANEL DIRECTION  
PRIMARY (COMPONENT) SIDE



I/O PANEL DIRECTION  
SECONDARY (SOLDER) SIDE



RECOMMENDED FOOTPRINT LAYOUT

| mat'l. code |                |    |      | tolerances unless otherwise specified |                                                   | CUSTOMER COPY                                                                               | <br>www.fciconnect.com |
|-------------|----------------|----|------|---------------------------------------|---------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| ltr         | ecn no         | dr | date | linear                                | .X ± 0.38<br>.XX ± 0.25<br>.XXX ± 0.10<br>0° ± 2° |                                                                                             |                                                                                                             |
|             |                |    |      | angles                                |                                                   | projection                                                                                  | title                                                                                                       |
|             |                |    |      | dr                                    | STONE LI 05/27/15                                 | <br>MM | PCI-E INTEGRATED R-TYPE GEN3 CARD EDGE ASS'Y                                                                |
|             |                |    |      | enr                                   | STONE LI 05/27/15                                 |                                                                                             | product family EDGE CARD                                                                                    |
|             |                |    |      | chr                                   | /                                                 | scale                                                                                       | size dwg no                                                                                                 |
|             |                |    |      | appd                                  | PM ZHENG 05/27/15                                 | 1:1                                                                                         | code TWN                                                                                                    |
| sheet index | revision sheet |    |      |                                       |                                                   |                                                                                             | 10085429                                                                                                    |
|             |                |    |      |                                       |                                                   |                                                                                             | sheet 2 of 3                                                                                                |

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## NOTES:

## 1.MATERIAL:

HOUSING: THERMOPLASTIC WITH GLASS FIBER, UL94V-0,  
LATCHS: THERMOPLASTIC WITHOUT GLASS FIBER, UL94-HB (PA66).  
CONTACTS: COPPER ALLOY.

## 2.FINISH:

CONTACTS: GOLD PLATING ON CONTACT AREA,  
60u" MATTE TIN (LEAD FREE OPTION) PLATING ON SOLDER TAILS,  
50u" MIN. NICKEL UNDERPLATING OVER ALL.

3. WARNING: THE MAXIMUM ALLOWABLE ANGLE TO WITHDRAWAL THE DAUGHTER CARD FROM RETAINER  
BY 25 DEGREE.

4. DURABILITY: 50 CYCLES.

## 5. RoHS COMPATIBLE PRODUCT SPECIFICATIONS

a. PLATING: "LF" MEANS THE PRODUCT IS LEAD FREE, 1.5um min. MATTE PURE TIN OVER 1.27um MIN.  
NICKEL UNDERPLATE.

b. MANUFACTURING PROCESS COMPATIBILITY: THE HOUSING WILL WITHSTAND EXPOSURE TO 260C±5C°  
SOLDER BATH TEMPERATURE FOR 5 SECONDS IN A WAVE SOLDER APPLICATION WITH  
A 1.57MM THICK CIRCUIT BOARD.

## PRODUCT NUMBER CODE

10085429 -x x x x x LF

## HOUSING COLOR OPTIONS

1-BLACK FOR BASE & RM  
4-BLUE (297C) FOR BASE & RM  
5-ORANGE (165C) FOR BASE & WHITE RM  
6-BLACK FOR BASE & BLUE (287C) FOR RM

## PEGS OPTIONS

1-PLASTIC POST

## TERMINAL PLATING OPTIONS

0-50u" Ni UNDERPLATE  
30u" Au CONTACT AREA  
100u" TIN TAIL AREA  
1-50u" Ni UNDERPLATE  
15u" Au CONTACT AREA  
100u" TIN TAIL AREA  
2-50u" Ni UNDERPLATE  
GOLD FLASH CONTACT AREA  
100u" TIN TAIL AREA

## APPLICATIONS

LF- LEAD FREE FOR PLATING OPTIONS 0,1,2

## PACKAGING OPTIONS

T-TRAY PACKAGING

## POS OPTIONS

3-164

## TAIL LENGTH OPTION (DIM.A)

1- 3.10MM  
2- 2.30MM



| mat'l. code |                |    |      | tolerances unless otherwise specified |             | CUSTOMER COPY | <br>www.fciconnect.com                                       |  |  |  |
|-------------|----------------|----|------|---------------------------------------|-------------|---------------|--------------------------------------------------------------|--|--|--|
| ltr         | ecn no         | dr | date | linear                                | .X ± 0.38   | projection    | <br>title<br>PCI-E INTEGRATED R-TYPE GEN3<br>CARD EDGE ASS'Y |  |  |  |
|             |                |    |      |                                       | .XX ± 0.25  |               |                                                              |  |  |  |
|             |                |    |      |                                       | .XXX ± 0.10 |               |                                                              |  |  |  |
|             |                |    |      | angles                                | 0° ± 2°     |               | <br>product family<br>EDGE CARD                              |  |  |  |
|             |                |    |      | dr                                    | STONE LI    | 05/27/15      |                                                              |  |  |  |
|             |                |    |      | enrg                                  | STONE LI    | 05/27/15      |                                                              |  |  |  |
|             |                |    |      | chr                                   | /           | /             | scale<br>1:1                                                 |  |  |  |
|             |                |    |      | appd                                  | PM ZHENG    | 05/27/15      |                                                              |  |  |  |
| sheet index | revision sheet |    |      |                                       |             |               |                                                              |  |  |  |

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# Mouser Electronics

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