



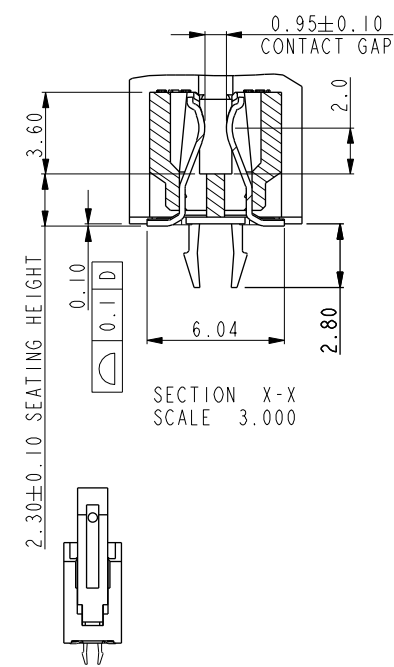
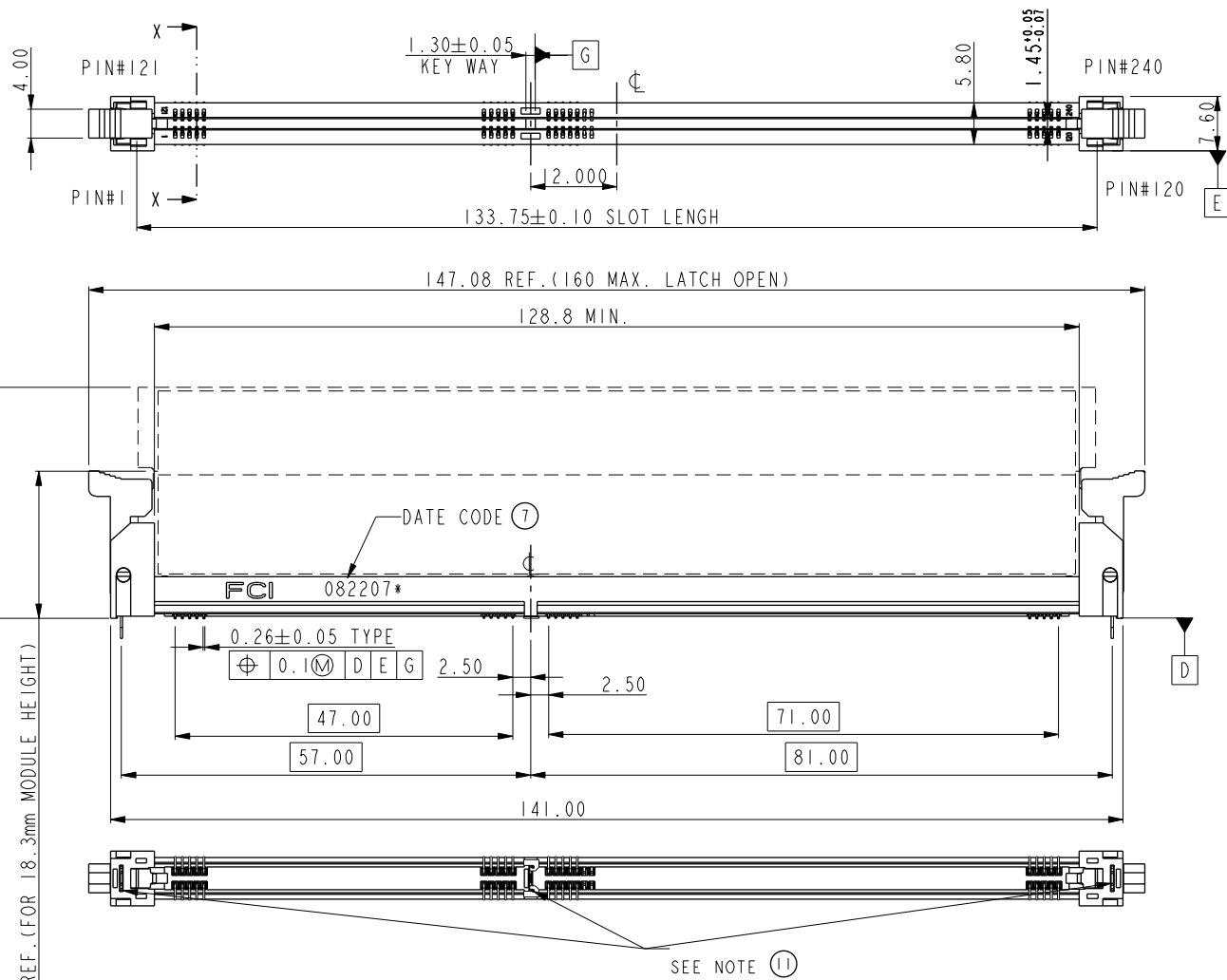
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A

B

C

D

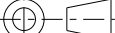


A

B

C

D

|                             |                                       |       |       |                                                                                     |                |                                                                 |                                                                                                     |                                                                                             |          |                |          |              |                |           |          |
|-----------------------------|---------------------------------------|-------|-------|-------------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------|----------------|----------|--------------|----------------|-----------|----------|
| spec ref *                  |                                       |       |       | dr                                                                                  | Rick Bian      | 2010/07/03                                                      | projection<br> | mm<br> | size     | A4             | scale    | 0.500        |                |           |          |
| tolerance std<br>ASME Y14.5 | TOLERANCES UNLESS OTHERWISE SPECIFIED |       |       | eng                                                                                 | Eric Jiang     | 2015/05/13                                                      |                                                                                                     |                                                                                             | ecn no   | ELX-DG-20850-1 |          |              |                |           |          |
|                             |                                       |       |       | chr                                                                                 | Nickor Zuo     | 2015/05/15                                                      |                                                                                                     |                                                                                             |          |                |          |              |                |           |          |
|                             |                                       |       |       | appr                                                                                | Pei-Ming Zheng | 2015/05/15                                                      |                                                                                                     |                                                                                             |          |                |          |              | product family | rel level | Released |
| surface<br>✓                | linear                                | 0.X   | ±0.30 |  | title          | SMT DDRIII SOCKET ASS'Y<br>DDRIII,240P SOCKET(FOR RDIMM MODULE) |                                                                                                     | dwg no                                                                                      | 10079248 |                | rev<br>W |              |                |           |          |
|                             |                                       | 0.XX  | ±0.15 |                                                                                     |                |                                                                 |                                                                                                     |                                                                                             |          |                |          |              |                |           |          |
|                             |                                       | 0.XXX | ±0.05 |                                                                                     |                |                                                                 |                                                                                                     |                                                                                             |          |                |          |              |                |           |          |
| ASME Y14.5                  | angular                               | 0°    | ±2°   | www.fci.com                                                                         | cat. no.       | *                                                               | Product - Customer Drw                                                                              |                                                                                             |          |                |          | sheet 1 of 5 |                |           |          |

Print File - REV C - 2009-06-09

2

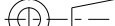
3

PDS: Rev :W

STATUS:Released

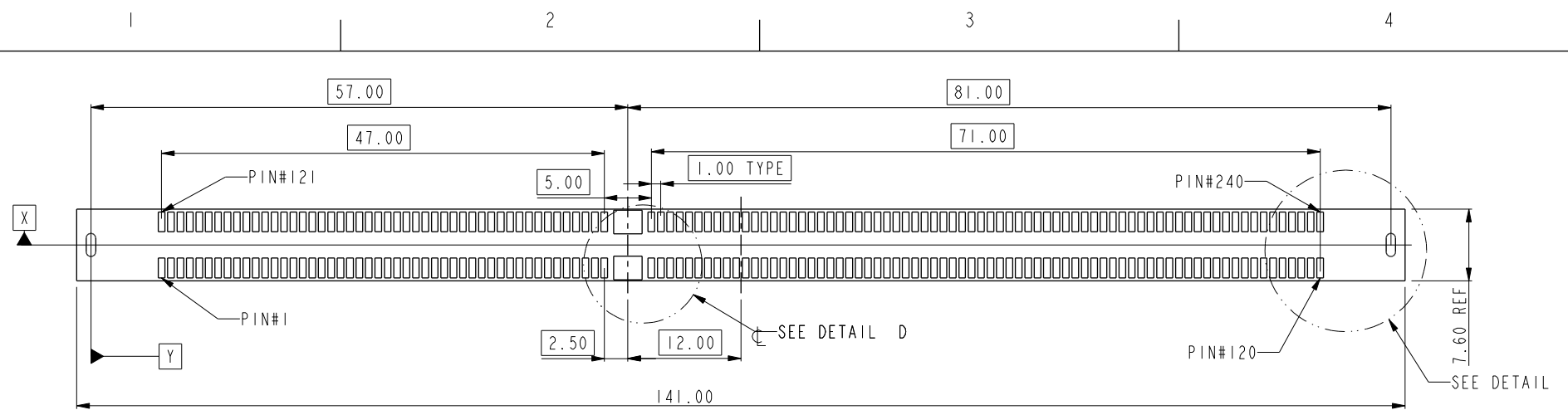
Printed: May 18, 2015



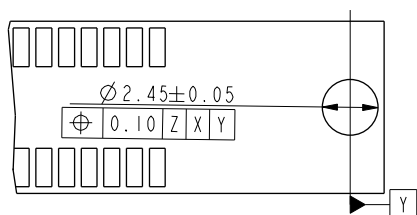
|                                                                                             |         |                                       |       |                                                                                     |                |                                                                  |                                                                                                                                                                                                                                       |           |                |          |       |   |
|---------------------------------------------------------------------------------------------|---------|---------------------------------------|-------|-------------------------------------------------------------------------------------|----------------|------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------|----------|-------|---|
| spec ref                                                                                    |         | *                                     |       | dr                                                                                  | Rick Bian      | 2010/07/03                                                       | <div>projection</div> <div></div> <div>mm</div> <div></div> | size      | A4             | scale    | 0.500 |   |
| tolerance std                                                                               |         | TOLERANCES UNLESS OTHERWISE SPECIFIED |       | eng                                                                                 | Eric Jiang     | 2015/05/13                                                       |                                                                                                                                                                                                                                       | ecn no    | ELX-DG-20850-1 |          |       |   |
| ASME Y14.5                                                                                  |         |                                       |       | chr                                                                                 | Nickor Zuo     | 2015/05/15                                                       |                                                                                                                                                                                                                                       | rel level |                | Released |       |   |
|                                                                                             |         |                                       |       | appr                                                                                | Pei-Ming Zheng | 2015/05/15                                                       | product family                                                                                                                                                                                                                        |           |                |          |       |   |
| surface  | linear  | 0.X                                   | ±0.30 |  | title          | SMT DDRIII SOCKET ASS'Y<br>DDRIII, 240P SOCKET(FOR RDIMM MODULE) |                                                                                                                                                                                                                                       | dwg no    | 10079248       |          | rev   | W |
|                                                                                             |         | 0.XX                                  | ±0.15 |                                                                                     |                |                                                                  |                                                                                                                                                                                                                                       |           |                |          |       |   |
|                                                                                             |         | 0.XXX                                 | ±0.05 |                                                                                     |                |                                                                  |                                                                                                                                                                                                                                       |           |                |          |       |   |
| ASME Y14.5                                                                                  | angular | 0°                                    | ±2°   | www.fci.com                                                                         | cat. no.       | *                                                                | Product - Customer Drw                                                                                                                                                                                                                |           | sheet 2 of 5   |          |       |   |



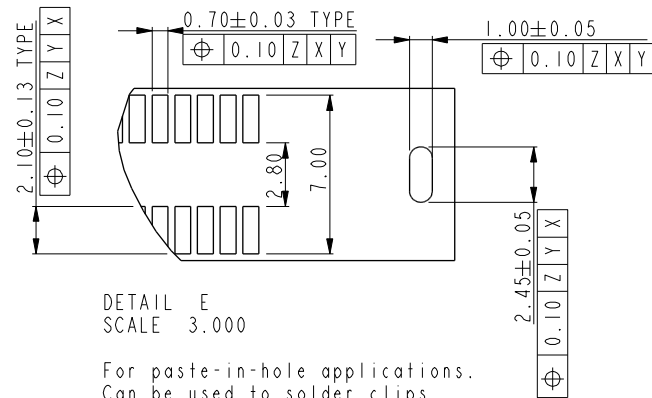
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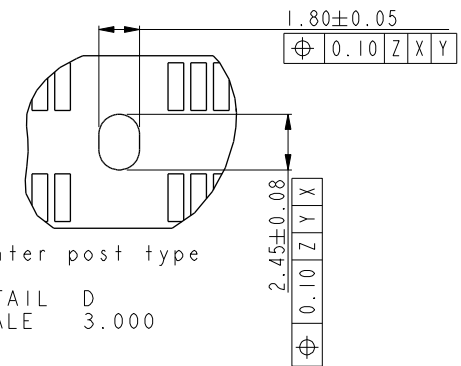
### RECOMMEND CIRCUIT BOARD LAYOUT



DETAIL E  
SCALE 3.000  
Standard hole for  
hold-down clips



DETAIL E  
SCALE 3.000  
For paste-in-hole applications.  
Can be used to solder clips  
during reflow operation.



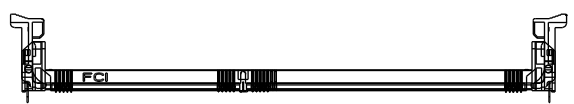
Center post type  
DETAIL D  
SCALE 3.000

|               |  |                                       |  |                                         |  |                                                |  |                                                                       |  |                        |  |                       |                                       |              |                |  |  |  |                                    |  |
|---------------|--|---------------------------------------|--|-----------------------------------------|--|------------------------------------------------|--|-----------------------------------------------------------------------|--|------------------------|--|-----------------------|---------------------------------------|--------------|----------------|--|--|--|------------------------------------|--|
| spec ref *    |  |                                       |  | dr <a href="#">Rick Bian</a> 2010/07/03 |  | projection                                     |  | mm                                                                    |  | size A4                |  | scale 0.500           |                                       |              |                |  |  |  |                                    |  |
| tolerance std |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |  |                                         |  | eng <a href="#">Eric Jiang</a> 2015/05/13      |  |                                                                       |  |                        |  |                       | ecn no <a href="#">ELX-DG-20850-1</a> |              |                |  |  |  |                                    |  |
| ASME Y14.5    |  |                                       |  |                                         |  | chr <a href="#">Nickor Zuo</a> 2015/05/15      |  |                                                                       |  |                        |  |                       |                                       |              |                |  |  |  |                                    |  |
|               |  |                                       |  |                                         |  | appr <a href="#">Pei-Ming Zheng</a> 2015/05/15 |  |                                                                       |  |                        |  |                       |                                       |              | product family |  |  |  | rel level <a href="#">Released</a> |  |
|               |  |                                       |  |                                         |  |                                                |  |                                                                       |  |                        |  |                       |                                       |              |                |  |  |  |                                    |  |
| surface       |  | linear                                |  | 0.X ±0.30                               |  |                                                |  | title SMT DDRIII SOCKET ASS'Y<br>DDRIII,240P SOCKET(FOR RDIMM MODULE) |  | dwg no 10079248        |  | rev <a href="#">W</a> |                                       |              |                |  |  |  |                                    |  |
|               |  | 0.XX ±0.15                            |  |                                         |  |                                                |  |                                                                       |  |                        |  |                       |                                       |              |                |  |  |  |                                    |  |
|               |  | 0.XXX ±0.05                           |  |                                         |  |                                                |  |                                                                       |  |                        |  |                       |                                       |              |                |  |  |  |                                    |  |
| ASME Y14.5    |  | angular                               |  | 0° ±2°                                  |  | <a href="#">www.fci.com</a>                    |  | cat. no. *                                                            |  | Product - Customer Drw |  |                       |                                       | sheet 3 of 5 |                |  |  |  |                                    |  |

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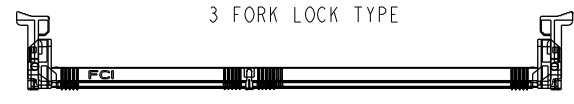
SCALE 0.500

10079248-10\*\*\*  
CENTER SMT HOLD DOWN TYPE



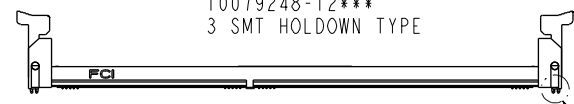
SCALE 0.500

10079248-11\*\*\*  
3 FORK LOCK TYPE



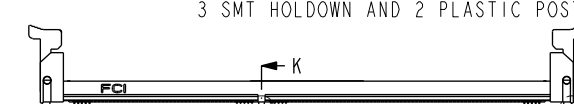
SCALE 0.500

10079248-12\*\*\*  
3 SMT HOLD DOWN TYPE



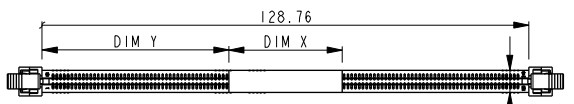
SCALE 0.500

10079248-13\*\*\*  
3 SMT HOLD DOWN AND 2 PLASTIC POST TYPE



SCALE 0.500

10079248-15\*\*\*  
3 PLASTIC POST TYPE



SCALE 0.500  
WITH MYLAR TAPE (OPTIONAL)

STYLE : MECHANICAL KEYING

1 : 1.5 VOLT. W/ CENTER KEY

HOLD DOWN TYPE

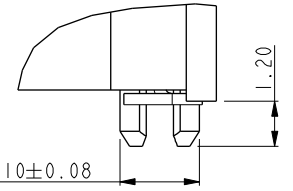
- 0 : CENTER HOLD DOWN, FORKLOCK AT BOTH END  
1 : 3 FORKLOCK TYPE  
2 : 3 SMT HOLD DOWN TYPE  
3 : 3 SMT HOLD DOWN AND 2 PLASTIC POST  
5 : 3 PLASTIC POST TYPE

PACKAGE AND MYLAR OPTION

- 0: SOFT TRAY WITHOUT MYLAR (OBSOLETE)  
1: HARD TRAY WITH MYLAR 1  
2: HARD TRAY WITHOUT MYLAR  
3: SOFT TRAY WITH MYLAR 4 (OBSOLETE)  
4: SPECIAL HARD TRAY WITH MYLAR 1  
5: SPECIAL HARD TRAY WITHOUT MYLAR  
6: HARD TRAY WITH MYLAR 2  
7: HARD TRAY WITH MYLAR 3  
8: HARD TRAY WITH MYLAR 4  
9: SMALLER HARD TRAY WITHOUT MYLAR



SEE DETAIL N



DETAIL N  
SCALE 5.000

SEE DETAIL J

SEE DETAIL M

10079248 - □ □ □ □

| MYLAR TYPE | DIM X | DIM Y |
|------------|-------|-------|
| MYLAR 1    | 30.0  | 49.38 |
| MYLAR 2    | 90.0  | 19.38 |
| MYLAR 3    | 30.0  | 30.0  |
| MYLAR 4    | 30.0  | 68.8  |

PLATING

| CODE | CONTACT                    | SOLDERTAIL                              | UNDERPLATE                              | NOTE                                                                         |
|------|----------------------------|-----------------------------------------|-----------------------------------------|------------------------------------------------------------------------------|
| 1    | 10u" (0.25um)<br>MIN. GOLD | 100u" (2.54um)<br>MIN. TIN-LEAD         | 50u" (1.27um)<br>MIN. NICKEL<br>OVERALL | CONTACT<br>NON-LUBRICANT                                                     |
| 2    | 15u" (0.38um)<br>MIN. GOLD |                                         |                                         |                                                                              |
| 3    | 30u" (0.76um)<br>MIN. GOLD |                                         |                                         |                                                                              |
| 4    | GOLD FLASH                 |                                         |                                         |                                                                              |
| 5    | 10u" (0.25um)<br>MIN. GOLD | 100u" (2.54um)<br>MIN. 100%<br>MATT TIN | 50u" (1.27um)<br>MIN. NICKEL<br>OVERALL | CONTACT<br>LUBRICATED                                                        |
| 6    | 15u" (0.38um)<br>MIN. GOLD |                                         |                                         |                                                                              |
| 7    | 30u" (0.76um)<br>MIN. GOLD |                                         |                                         |                                                                              |
| 8    | GOLD FLASH                 |                                         |                                         |                                                                              |
| 3S   | 5u" (0.125um)<br>MIN. GOLD | 100u" (2.54um)<br>MIN. 100%<br>MATT TIN | 50u" (1.27um)<br>MIN. NICKEL<br>OVERALL | CONTACT LUBRICATED<br>WITH HIGH<br>PERFORMANCE<br>POLY A-OLEFIN<br>LUBRICANT |
| 1LF  | 10u" (0.25um)<br>MIN. GOLD |                                         |                                         |                                                                              |
| 2LF  | 15u" (0.38um)<br>MIN. GOLD |                                         |                                         |                                                                              |
| 3LF  | 30u" (0.76um)<br>MIN. GOLD |                                         |                                         |                                                                              |
| 4LF  | GOLD FLASH                 | 100u" (2.54um)<br>MIN. 100%<br>MATT TIN | 50u" (1.27um)<br>MIN. NICKEL<br>OVERALL | CONTACT<br>NON-LUBRICANT                                                     |
| 5LF  | 10u" (0.25um)<br>MIN. GOLD |                                         |                                         |                                                                              |
| 6LF  | 15u" (0.38um)<br>MIN. GOLD |                                         |                                         |                                                                              |
| 7LF  | 30u" (0.76um)<br>MIN. GOLD |                                         |                                         |                                                                              |
| 8LF  | GOLD FLASH                 | 100u" (2.54um)<br>MIN. 100%<br>MATT TIN | 50u" (1.27um)<br>MIN. NICKEL<br>OVERALL | CONTACT<br>LUBRICATED                                                        |
| 3SLF | 5u" (0.125um)<br>MIN. GOLD |                                         |                                         |                                                                              |
| 7SLF | 30u" (0.76um)<br>MIN. GOLD |                                         |                                         |                                                                              |

COLOR OF HOUSING AND EJECTOR

- 0 : BLACK HOUSING + IVORY EJECTOR  
1 : BLACK HOUSING + BLACK EJECTOR  
2 : BLACK HOUSING + BLUE(661C) EJECTOR  
3 : BLACK HOUSING + YELLOW(123C) EJECTOR

|               |  |                                       |  |                                         |  |                                                |  |                                                                       |  |                        |  |                                       |  |                |  |                                    |  |
|---------------|--|---------------------------------------|--|-----------------------------------------|--|------------------------------------------------|--|-----------------------------------------------------------------------|--|------------------------|--|---------------------------------------|--|----------------|--|------------------------------------|--|
| spec ref *    |  |                                       |  | dr <a href="#">Rick Bian</a> 2010/07/03 |  | projection                                     |  | mm                                                                    |  | size A4                |  | scale 0.500                           |  |                |  |                                    |  |
| tolerance std |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |  |                                         |  | eng <a href="#">Eric Jiang</a> 2015/05/13      |  |                                                                       |  |                        |  | ecn no <a href="#">ELX-DG-20850-1</a> |  |                |  |                                    |  |
| ASME Y14.5    |  |                                       |  |                                         |  | chr <a href="#">Nickor Zuo</a> 2015/05/15      |  |                                                                       |  |                        |  |                                       |  |                |  |                                    |  |
|               |  |                                       |  |                                         |  | appr <a href="#">Pei-Ming Zheng</a> 2015/05/15 |  |                                                                       |  |                        |  |                                       |  | product family |  | rel level <a href="#">Released</a> |  |
|               |  |                                       |  |                                         |  |                                                |  |                                                                       |  |                        |  |                                       |  |                |  |                                    |  |
| surface       |  | linear                                |  | 0.X ±0.30                               |  |                                                |  | title SMT DDRIII SOCKET ASS'Y<br>DDRIII,240P SOCKET(FOR RDIMM MODULE) |  | dwg no 10079248        |  | rev <a href="#">W</a>                 |  |                |  |                                    |  |
|               |  | 0.XX ±0.15                            |  |                                         |  |                                                |  |                                                                       |  |                        |  |                                       |  |                |  |                                    |  |
|               |  | 0.XXX ±0.05                           |  |                                         |  |                                                |  |                                                                       |  |                        |  |                                       |  |                |  |                                    |  |
| ASME Y14.5    |  | angular                               |  | 0° ±2°                                  |  | <a href="#">www.fci.com</a>                    |  | cat. no. *                                                            |  | Product - Customer Drw |  | sheet 4 of 5                          |  |                |  |                                    |  |



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DETAIL E  
SCALE 3.000

For smt holdown type

DETAIL E  
SCALE 3.000

For 3smt holdown + 2plastic post type

Center smt holdown type

DETAIL D  
SCALE 3.000

Center forklock type

DETAIL D  
SCALE 3.000

#### NOTES:

1. MATERIAL:  
HOUSING: HIGH PERFORMANCE RESINS, GLASS FILLED UL94V-0 RATED.  
EJECTOR: HIGH PERFORMANCE RESINS, GLASS FILLED UL94V-0 RATED.  
TERMINAL: HIGH PERFORMANCE COPPER ALLOY  
METAL CLIP: COPPER ALLOY.
2. FCI LOGO TO BE APPROXIMATELY LOCATED AS SHOWN ON PRINT.
3. PRODUCT SPECIFICATION: GS-12-486.
4. PACKAGING SPECIFICATION: GS-14-899.
5. RECOMMENDED STENCIL THICKNESS NO LESS THAN 0.15 mm.
6. FOR OPTIMUM PERFORMANCE, THE TIE BAR IS TO BE ON AN INTERNAL LAYER SO THAT THE REMNANT CANNOT CAUSE CONTACT DAMAGE.
7. THE DATE CODE IS SHOWN "MMDDYY\*"; "\*" MEANS PRODUCTION LINE.
8. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
9. THE HOUSING WILL WITH STAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN AN IR REFLOW SOLDERING APPLICATION.
10. PRODUCT APPLICATION SPEC GS-20-089.
11. THE HOLDOWN TYPES ARE OPTION FOR HOLDOWN OR FORKLOCK.
12. A SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

SECTION K-K  
SCALE 5.000

DETAIL M  
SCALE 5.000

DETAIL J  
SCALE 5.000

|               |                                       |       |       |             |                |                         |                                   |                           |              |                |       |                                       |
|---------------|---------------------------------------|-------|-------|-------------|----------------|-------------------------|-----------------------------------|---------------------------|--------------|----------------|-------|---------------------------------------|
| spec ref      |                                       | *     |       | dr          | Rick Bian      | 2010/07/03              | <div>projection</div> <div></div> | <div>mm</div> <div></div> | size         | A4             | scale | 0.500                                 |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED |       |       | eng         | Eric Jiang     | 2015/05/13              |                                   |                           | ecn no       | ELX-DG-20850-1 |       |                                       |
|               |                                       |       |       | chr         | Nickor Zuo     | 2015/05/15              |                                   |                           |              |                |       |                                       |
|               |                                       |       |       | appr        | Pei-Ming Zheng | 2015/05/15              |                                   |                           |              |                |       | product family                        |
| surface       | linear                                | 0.X   | ±0.30 |             | title          | SMT DDRIII SOCKET ASS'Y |                                   | dwg no                    | 10079248     |                | rev   |                                       |
| ASME Y14.5    |                                       | 0.XX  | ±0.15 |             |                |                         |                                   |                           |              |                |       | DDRIII, 240P SOCKET(FOR RDIMM MODULE) |
|               |                                       | 0.XXX | ±0.05 |             |                |                         |                                   |                           |              |                |       |                                       |
| ASME Y14.5    | angular                               | 0°    | ±2°   | www.fci.com | cat. no.       | *                       | Product - Customer Drw            |                           | sheet 5 of 5 |                |       |                                       |

# Mouser Electronics

Authorized Distributor

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