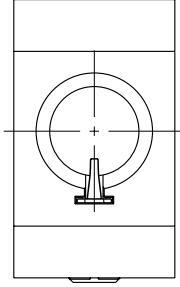
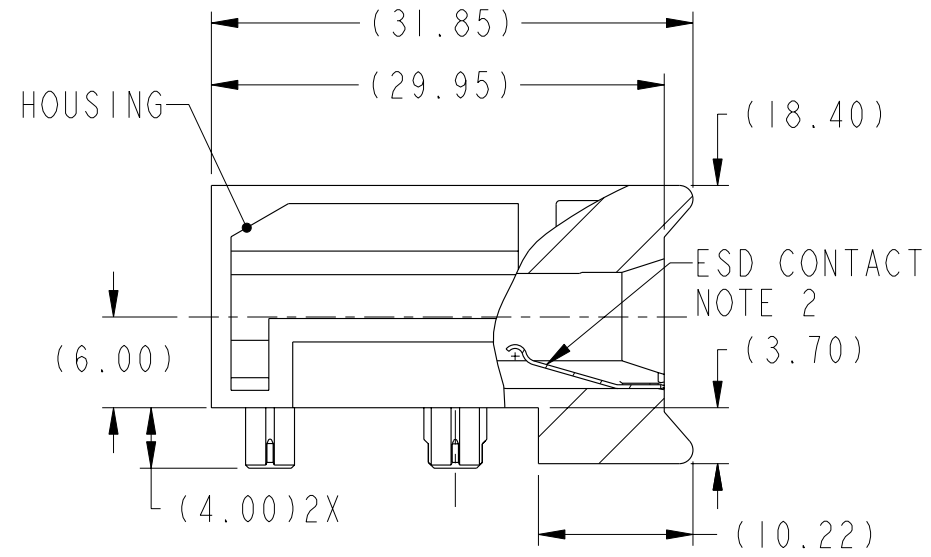


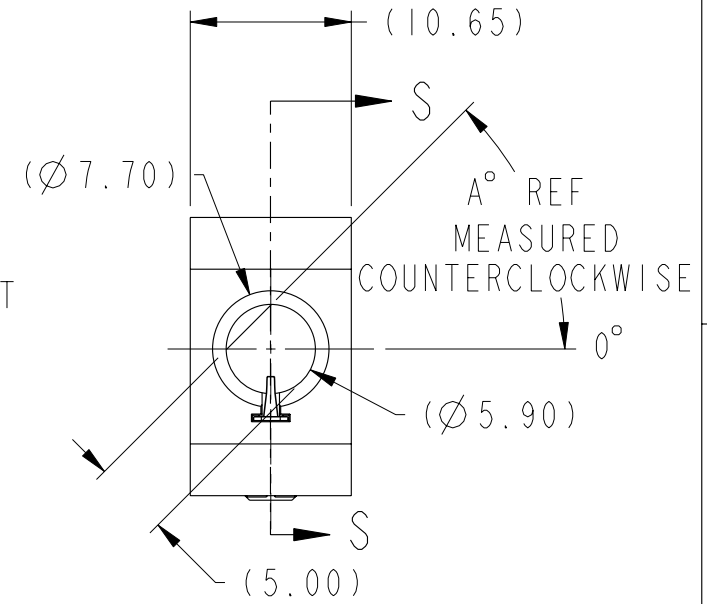
PRODUCT NUMBER  
SEE TABLE, SHT 3



VIEW H  
ESD ORIENTAION

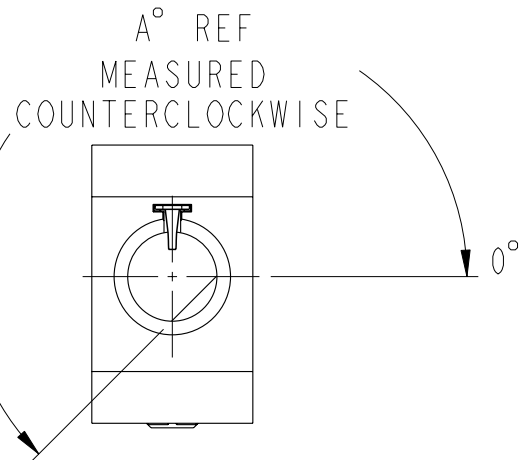


PARTIAL SECTION S-S

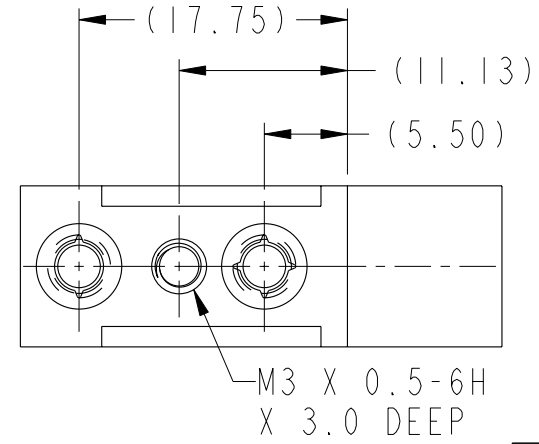


VIEW F  
ESD ORIENTATION

(P/N 10098939-102 SHOWN)



VIEW G  
ESD ORIENTATION



| rev | ecn no   | dr | date       |
|-----|----------|----|------------|
| A   | S09-0296 | CH | 2009-09-17 |
| -   | -        | -  | -          |
| -   | -        | -  | -          |
| -   | -        | -  | -          |
| -   | -        | -  | -          |
| -   | -        | -  | -          |

|                                                                                       |           |            |                                       |  |                             |                                                       |                                                                                                     |              |                                                                                          |          |          |              |           |  |
|---------------------------------------------------------------------------------------|-----------|------------|---------------------------------------|--|-----------------------------|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------|--------------|------------------------------------------------------------------------------------------|----------|----------|--------------|-----------|--|
| www.fciconnect.com                                                                    |           |            | surface -<br>ASME Y14.5               |  | tolerance std<br>ASME Y14.5 |                                                       | projection<br> |              |  MM |          |          |              |           |  |
|                                                                                       |           |            | TOLERANCES UNLESS OTHERWISE SPECIFIED |  |                             |                                                       |                                                                                                     |              |                                                                                          |          |          |              |           |  |
| Dr                                                                                    | C. H. TAN | 2009-04-03 | ANGULAR<br>LINEAR                     |  | 0.X ±0.3                    |                                                       | size<br>A4                                                                                          | Scale<br>1:1 |                                                                                          |          |          |              |           |  |
| Eng                                                                                   | C. H. TAN | 2009-04-03 |                                       |  | 0.XX ±0.10                  |                                                       |                                                                                                     |              |                                                                                          |          |          |              |           |  |
| Chr                                                                                   | C. H. TAN | 2009-09-17 |                                       |  | 0.XXX ±0.050                |                                                       |                                                                                                     |              |                                                                                          |          |          |              |           |  |
| Appr                                                                                  | JOEY NG   | 2009-09-17 | 0° ±2°                                |  |                             |                                                       | ECN                                                                                                 |              | S09-0296                                                                                 |          |          |              |           |  |
|                                                                                       |           |            | Product family                        |  |                             |                                                       |                                                                                                     | -            |                                                                                          | Spec ref |          |              |           |  |
|  |           |            | title                                 |  |                             | 10.8mm GUIDE MODULE ASSY<br>WITH ESD & KEYING OPTIONS |                                                                                                     |              | dwg no                                                                                   |          | 10098939 |              | Rev.<br>A |  |
|                                                                                       |           |            | catalog no                            |  |                             | -                                                     |                                                                                                     |              | CUSTOMER                                                                                 |          |          | sheet 1 of 4 |           |  |

REV F - 2009-04-17



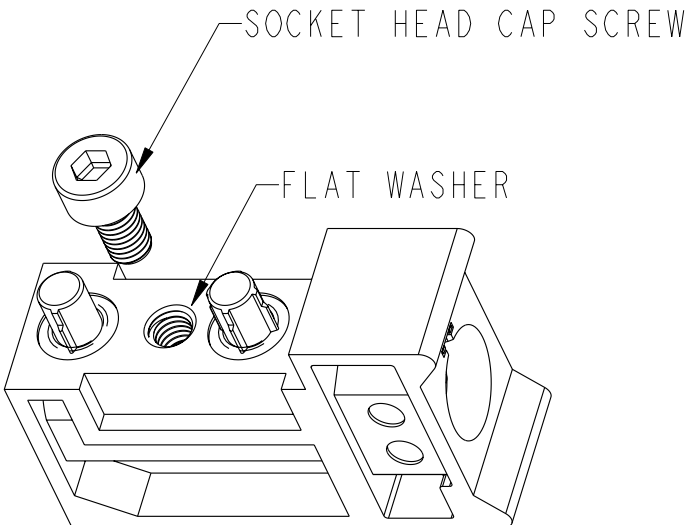
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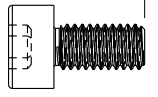
A

B

C

D



| TABLE 1 (SEE NOTE 10)    |                                                                                             |                     |
|--------------------------|---------------------------------------------------------------------------------------------|---------------------|
| CUSTOMER BOARD THICKNESS | DIM "L"  | P/N "Z" DESIGNATION |
| 1.60 MAX                 | 4.00                                                                                        | 10098939-1XYZ00LF   |

A

B

C

D

P/N DESIGNATION: 10098939-1XYZ00LF

- LEAD-FREE DESIGNATION: NOTE 8
- BOARD THICKNESS/SCREW LENGTH: SEE TABLE 1
- KEYING ORIENTATION: SEE TABLE 2 (SHEET 3)
- ESD PIN: SEE NOTE 4

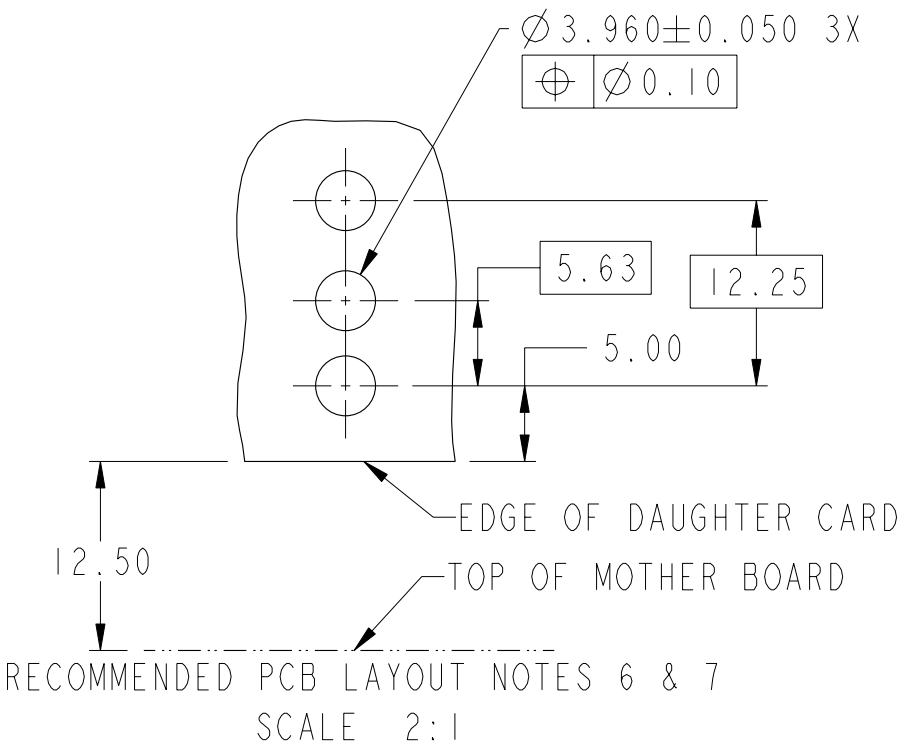


|            |                                                       |          |              |      |   |
|------------|-------------------------------------------------------|----------|--------------|------|---|
| title      | 10.8mm GUIDE MODULE ASSY<br>WITH ESD & KEYING OPTIONS | dwg no   | 10098939     | Rev. | A |
| catalog no | -                                                     | CUSTOMER | sheet 2 of 4 |      |   |



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| TABLE 2                   |               |                  |
|---------------------------|---------------|------------------|
| PRODUCT NUMBER<br>NOTES 4 | DIM A         | ESD PIN LOCATION |
| 10098939-1X1Z00LF         | 0°            | PER VIEW F       |
| 10098939-1X2Z00LF         | 45°           | PER VIEW F       |
| 10098939-1X3Z00LF         | 90°           | PER VIEW F       |
| 10098939-1X4Z00LF         | 135°          | PER VIEW G       |
| 10098939-1X5Z00LF         | 180°          | PER VIEW G       |
| 10098939-1X6Z00LF         | 225°          | PER VIEW G       |
| 10098939-1X7Z00LF         | 270°          | PER VIEW G       |
| 10098939-1X8Z00LF         | 315°          | PER VIEW F       |
| 10098939-1X9Z00LF         | N/A<br>NOTE 5 | PER VIEW H       |



|  |            |                                                       |          |              |      |   |
|--|------------|-------------------------------------------------------|----------|--------------|------|---|
|  | title      | 10.8mm GUIDE MODULE ASSY<br>WITH ESD & KEYING OPTIONS | dwg no   | 10098939     | Rev. | A |
|  | catalog no | -                                                     | CUSTOMER | sheet 3 of 4 |      |   |

A

B

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D

- ①. MATERIAL: ZINC ALLOY
- ②. FINISH: HOUSING; ZINC YELLOW CHROMATE  
ESD CONTACT; 1.27 $\mu$ m MINIMUM NICKEL ALL OVER
3. APPLICATION SPEC: GS-20-045
- ④. X = 0 FOR MODULES WITH ESD GROUNDING OPTION  
X = 1 FOR MODULES W/O ESD GROUNDING OPTION
- ⑤. FOR THE -109xxxLF VERSION (NO KEY) THE MATING GUIDE PIN MUST BE  
ORIENTATED SO IT MAKES CONTACT WITH THE ESD PIN
- ⑥. THRU HOLE PLATING AND ANNULAR RINGS MUST BE ADDED AS  
APPROPRIATE FOR APPLICATIONS WITH THE ESD GROUNDING OPTION.  
FINISHED HOLE SIZE IS THE SAME REGARDLESS OF PLATED BARREL OR NOT
- ⑦. REFER TO CUSTOMER DRAWING 10035911 FOR INFORMATION  
REGARDING PCB LAYOUT OF POWER AND GUIDE MODULES  
RELATIVE TO SIGNAL MODULES
- ⑧. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER  
COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
9. PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.
10. SOCKET SCREW LENGTH IS DETERMINED BY CARD THICKNESS & WASHERS  
THICKNESS. REFER TO SECTION 7.2 OF GS-20-045 FOR SCREW LENGTH SIZING

A

B

C

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|     |            |                                                       |  |          |              |      |   |
|-----|------------|-------------------------------------------------------|--|----------|--------------|------|---|
| FCI | title      | 10.8mm GUIDE MODULE ASSY<br>WITH ESD & KEYING OPTIONS |  | dwg no   | 10098939     | Rev. | A |
|     | catalog no | -                                                     |  | CUSTOMER | sheet 4 of 4 |      |   |