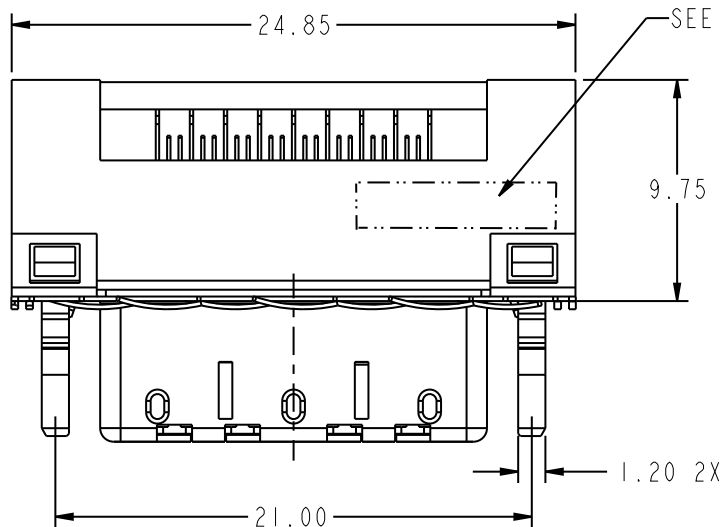
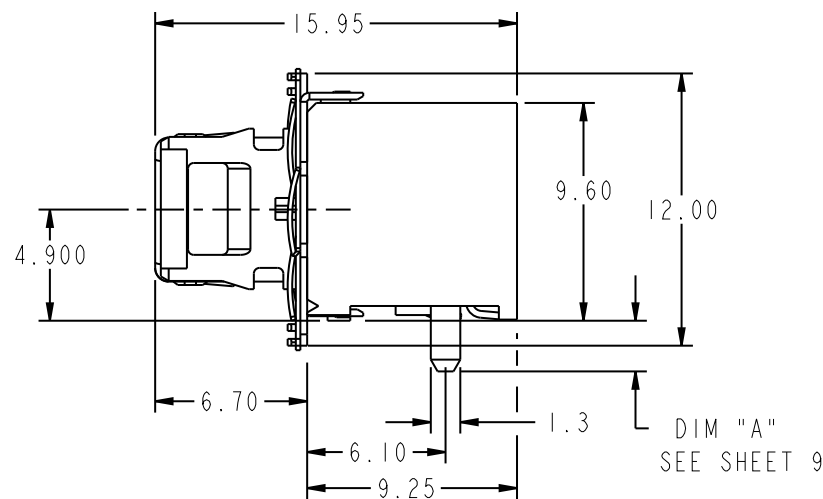
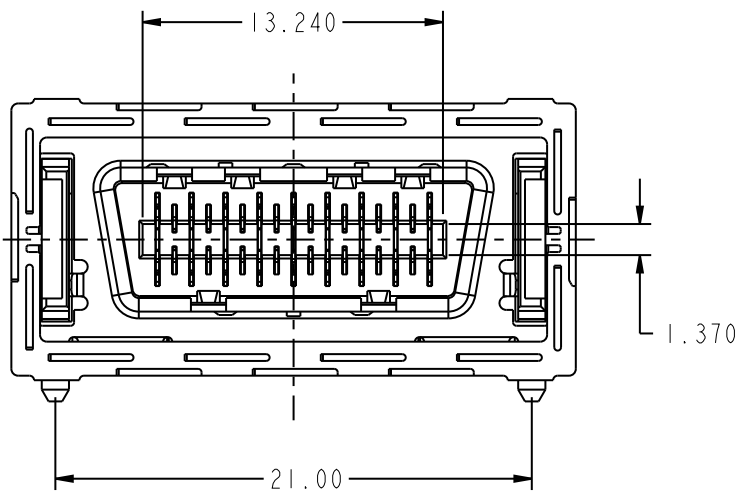
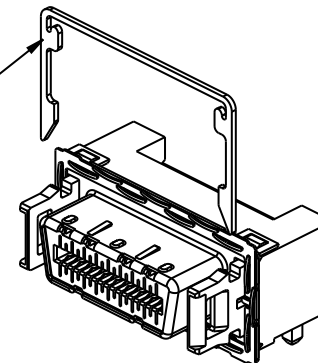


PRODUCT NUMBER  
58368-11XXXX



LOCK PLATE SOLD SEPARATELY  
SEE SHEET 8

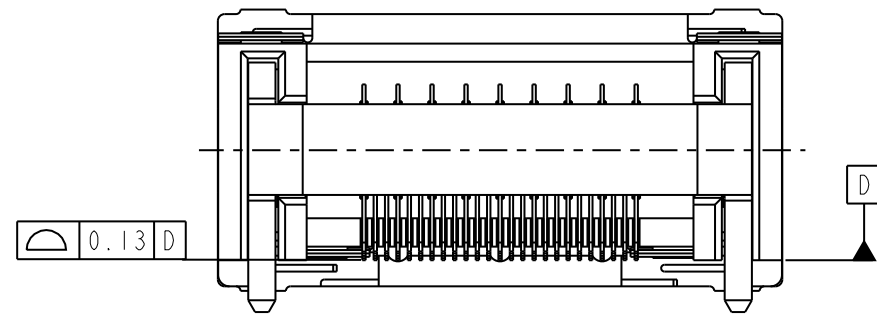


|                    |            |            |                                                     |                             |                          |              |
|--------------------|------------|------------|-----------------------------------------------------|-----------------------------|--------------------------|--------------|
| www.fciconnect.com |            |            | surface<br>ASME Y14.5                               | tolerance std<br>ASME Y14.5 | projection<br>ASME Y14.5 | MM           |
|                    |            |            | TOLERANCES UNLESS OTHERWISE SPECIFIED               |                             | size<br>A4               | Scale<br>1:1 |
| Dr                 | R. DRAGGOO | 2002-01-07 | ANGULAR                                             | 0.X                         | ±.30                     | ECN 109-0115 |
| Eng                | S. OLSON   | 2001-09-11 | LINEAR                                              | 0.XX                        | ±.10                     |              |
| Chr                | HIRAN V N  | 2006-07-26 | 0° ±2°                                              | 0.XXX                       | ±.050                    |              |
| Appr               | HIRAN V N  | 2006-07-26 | Product family InfiniBand                           |                             |                          | Spec ref     |
|                    |            |            | title<br>4X R.A. RECEPT. ASS'Y<br>w/o MOUNTING TABS |                             |                          | Rev.<br>L    |
|                    |            |            | catalog no                                          |                             |                          | sheet 1 of 9 |

| rev | ecn no   | dr  | date       |
|-----|----------|-----|------------|
| L   | 109-0115 | RPK | 2010-04-06 |
| F   | V03-0087 | GIP | 2003-13-14 |
| G   | V04-0460 | DAI | 2004-06-07 |
| H   | V05-0063 | TAB | 2005-02-14 |
| J   | 105-0258 | HVN | 2005-11-29 |
| K   | 106-0123 | HVN | 2006-07-26 |

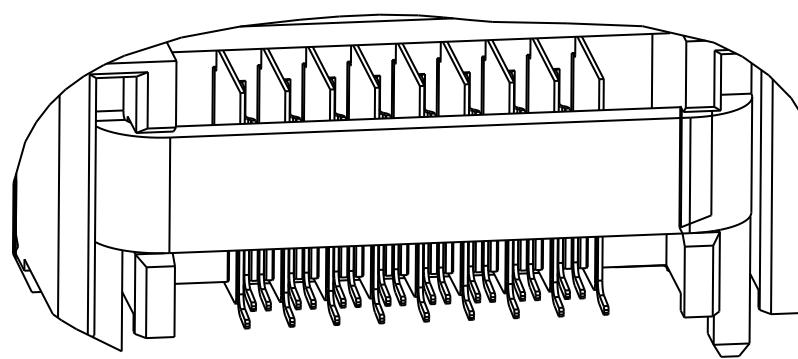


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COPLANARITY MEASUREMENT TO BE TAKEN  
AT BOTTOM MOST POINT OF CONTACT TAILS

COPLANARITY ZONE IS BELOW DATUM D



SCALE 4:1

|                                                                                       |            |            |                                                  |        |                               |              |                                                                                                     |              |                                                                                             |  |
|---------------------------------------------------------------------------------------|------------|------------|--------------------------------------------------|--------|-------------------------------|--------------|-----------------------------------------------------------------------------------------------------|--------------|---------------------------------------------------------------------------------------------|--|
| www.fciconnect.com                                                                    |            |            | surface<br>ASME Y14.5 ✓                          |        | tolerance std<br>ASME Y14.5 - |              | projection<br> |              | MM<br> |  |
|                                                                                       |            |            | TOLERANCES UNLESS OTHERWISE SPECIFIED            |        |                               |              |                                                                                                     |              |                                                                                             |  |
| Dr                                                                                    | R. DRAGGOO | 2002-01-07 | ANGULAR                                          | LINEAR | 0.X ±.30                      |              | size<br>A4                                                                                          | Scale<br>1:1 |                                                                                             |  |
| Eng                                                                                   | S. OLSON   | 2001-09-11 |                                                  |        | 0.XX ±.10                     |              |                                                                                                     |              |                                                                                             |  |
| Chr                                                                                   | HIRAN V N  | 2006-07-26 |                                                  |        | 0.XXX ±.050                   |              |                                                                                                     |              |                                                                                             |  |
| Appr                                                                                  | HIRAN V N  | 2006-07-26 | 0° ±2°                                           |        |                               |              | ECN 109-0115                                                                                        |              |                                                                                             |  |
|                                                                                       |            |            | Product family InfiniBand                        |        |                               |              | Spec ref -                                                                                          |              |                                                                                             |  |
|  |            |            | title 4X R.A. RECEPT. ASS'Y<br>w/o MOUNTING TABS |        |                               | dwg no 58368 |                                                                                                     |              | Rev. L                                                                                      |  |
|                                                                                       |            |            |                                                  |        |                               |              |                                                                                                     |              |                                                                                             |  |
| catalog no                                                                            |            |            |                                                  |        |                               | CUSTOMER     |                                                                                                     |              | sheet 2 of 9                                                                                |  |



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A

B

C

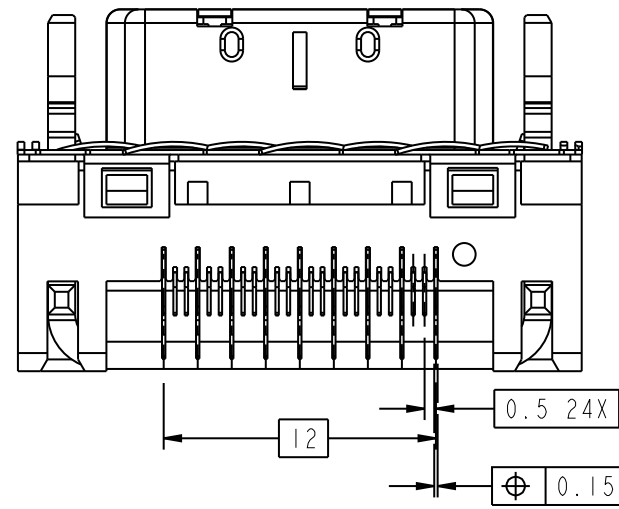
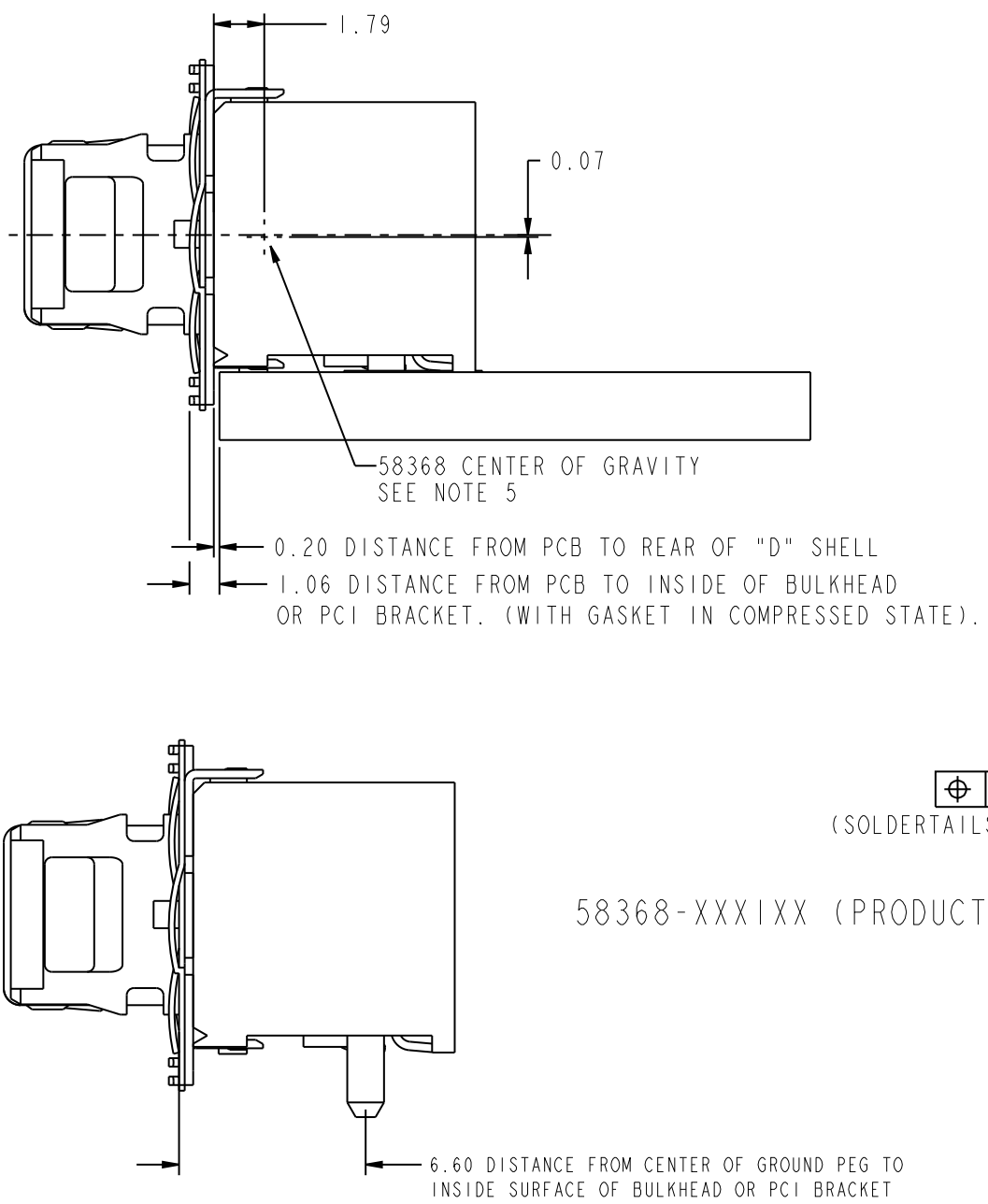
D

A

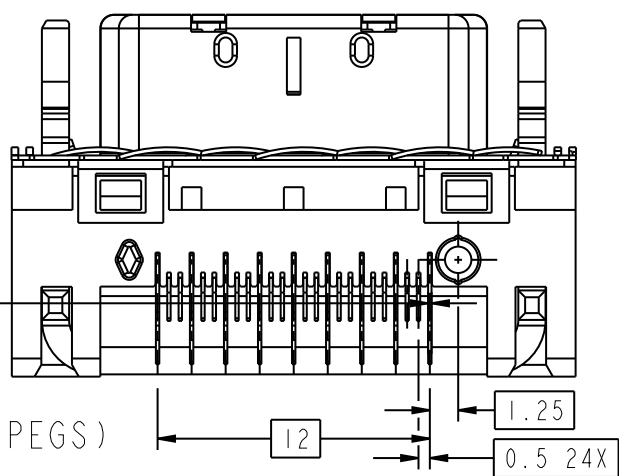
B

C

D



58368-XXX0XX (PRODUCT WITHOUT PEGS)

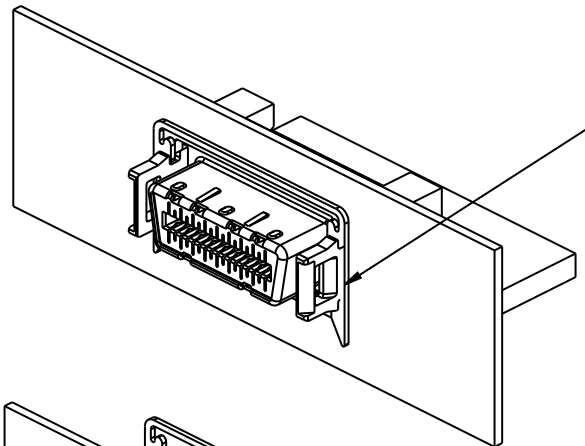


58368-XXX1XX (PRODUCT WITH PEGS)

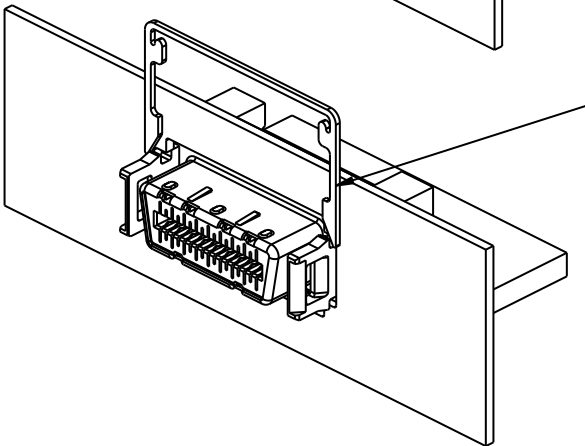
|                                                                                       |           |            |                                                     |        |                               |       |                                                                                                     |              |                                                                                             |   |  |
|---------------------------------------------------------------------------------------|-----------|------------|-----------------------------------------------------|--------|-------------------------------|-------|-----------------------------------------------------------------------------------------------------|--------------|---------------------------------------------------------------------------------------------|---|--|
| www.fciconnect.com                                                                    |           |            | surface<br>ASME Y14.5 ✓                             |        | tolerance std<br>ASME Y14.5 - |       | projection<br> |              | MM<br> |   |  |
|                                                                                       |           |            | TOLERANCES UNLESS OTHERWISE SPECIFIED               |        |                               |       |                                                                                                     |              |                                                                                             |   |  |
| Dr                                                                                    | R. DRAGG  | 2002-01-07 | ANGULAR                                             | LINEAR | 0.X                           | ±.30  | size<br>A4                                                                                          | Scale<br>1:1 |                                                                                             |   |  |
| Eng                                                                                   | S. OLSON  | 2001-09-11 |                                                     |        | 0.XX                          | ±.10  |                                                                                                     |              |                                                                                             |   |  |
| Chr                                                                                   | HIRAN V N | 2006-07-26 |                                                     |        | 0.XXX                         | ±.050 |                                                                                                     |              |                                                                                             |   |  |
| Appr                                                                                  | HIRAN V N | 2006-07-26 | Product family InfiniBand                           |        |                               |       |                                                                                                     | Spec ref     |                                                                                             | - |  |
|  |           |            | title<br>4X R.A. RECEPT. ASS'Y<br>w/o MOUNTING TABS |        |                               |       | dwg no<br>58368                                                                                     |              | Rev.<br>L                                                                                   |   |  |
|                                                                                       |           |            | catalog no                                          |        |                               |       | CUSTOMER                                                                                            |              | sheet 3 of 9                                                                                |   |  |



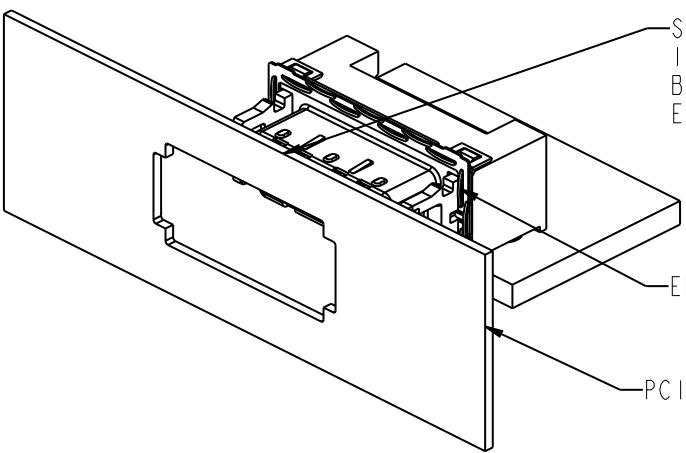
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STEP 3  
SLIDE LOCK PLATE(58378) DOWN  
OVER CONNECTOR LATCHES.



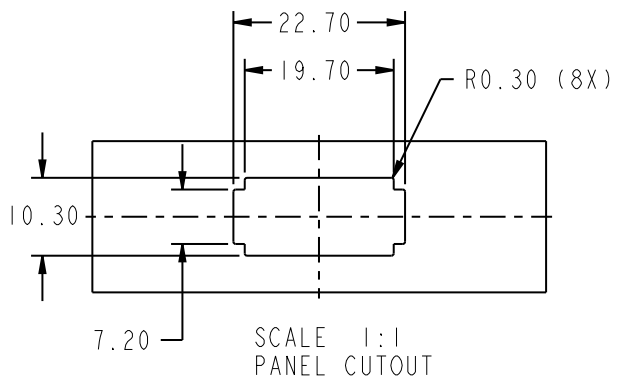
STEP 2  
PLACE LOCK PLATE(58378) AGAINST  
PCI BRACKET/PANEL SEE SHT. 9  
FOR OPTIONS, PANEL THICKNESS.



STEP 1  
INSERT CONNECTOR INTO PCI  
BRACKET/PANEL COMPRESSING  
EMI GASKET.

EMI GASKET

PCI BRACKET/PANEL



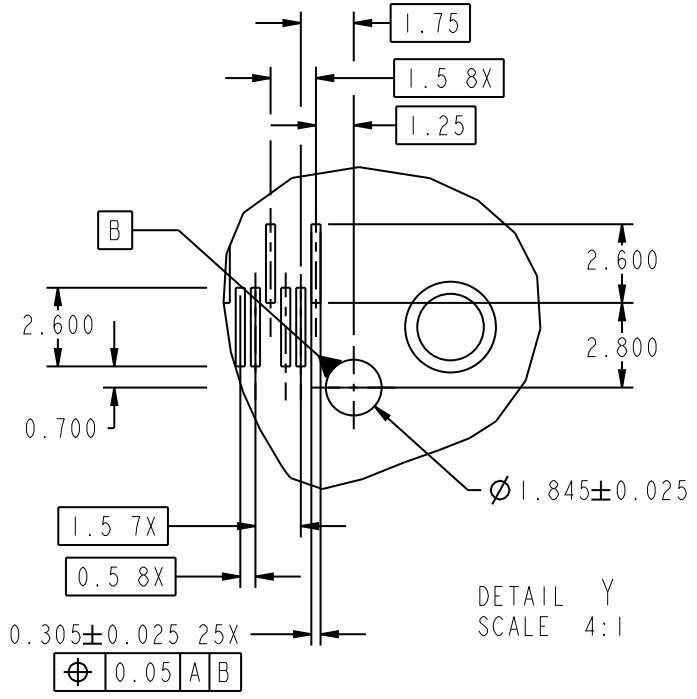
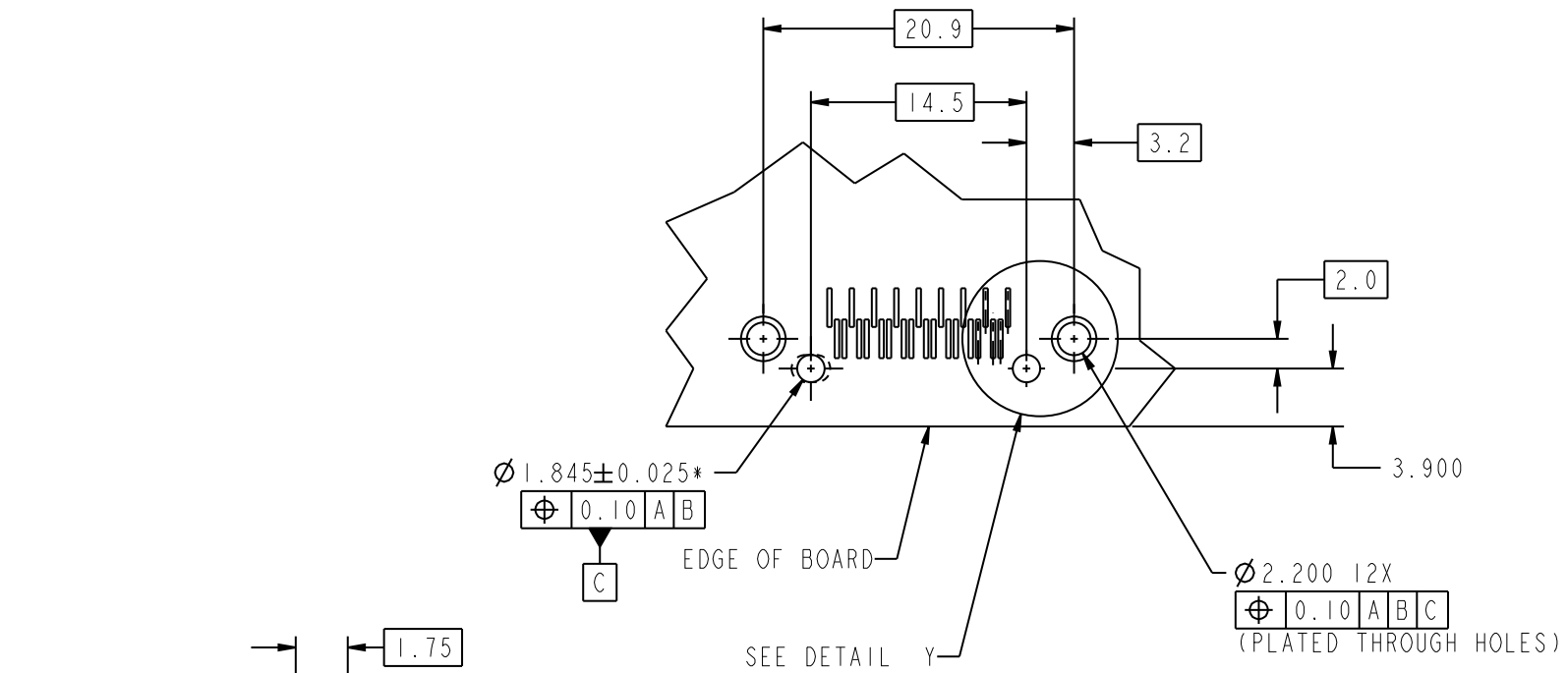
# 58378 RECEPTACLE LOCK PLATE APPLICATION

REV F - 2006-04-17

|                                                                                       |            |            |                                                  |        |                               |       |                                                                                                     |              |                                                                                             |  |
|---------------------------------------------------------------------------------------|------------|------------|--------------------------------------------------|--------|-------------------------------|-------|-----------------------------------------------------------------------------------------------------|--------------|---------------------------------------------------------------------------------------------|--|
| www.fciconnect.com                                                                    |            |            | surface<br>ASME Y14.5 ✓                          |        | tolerance std<br>ASME Y14.5 - |       | projection<br> |              | MM<br> |  |
|                                                                                       |            |            | TOLERANCES UNLESS OTHERWISE SPECIFIED            |        |                               |       |                                                                                                     |              |                                                                                             |  |
| Dr                                                                                    | R. DRAGGOO | 2002-01-07 | ANGULAR                                          | LINEAR | 0.X                           | ±.30  | size<br>A4                                                                                          | Scale<br>1:1 |                                                                                             |  |
| Eng                                                                                   | S. OLSON   | 2001-09-11 |                                                  |        | 0.XX                          | ±.10  |                                                                                                     |              |                                                                                             |  |
| Chr                                                                                   | HIRAN V N  | 2006-07-26 |                                                  |        | 0°. ±2°                       | 0.XXX |                                                                                                     |              | ±.050                                                                                       |  |
| Appr                                                                                  | HIRAN V N  | 2006-07-26 | Product family InfiniBand                        |        |                               |       |                                                                                                     | ECN 109-0115 |                                                                                             |  |
|                                                                                       |            |            | Spec ref -                                       |        |                               |       |                                                                                                     |              |                                                                                             |  |
|  |            |            | title 4X R.A. RECEPT. ASS'Y<br>w/o MOUNTING TABS |        |                               |       | dwg no 58368                                                                                        |              | Rev. L                                                                                      |  |
| catalog no                                                                            |            |            |                                                  |        |                               |       | CUSTOMER                                                                                            |              | sheet 4 of 9                                                                                |  |



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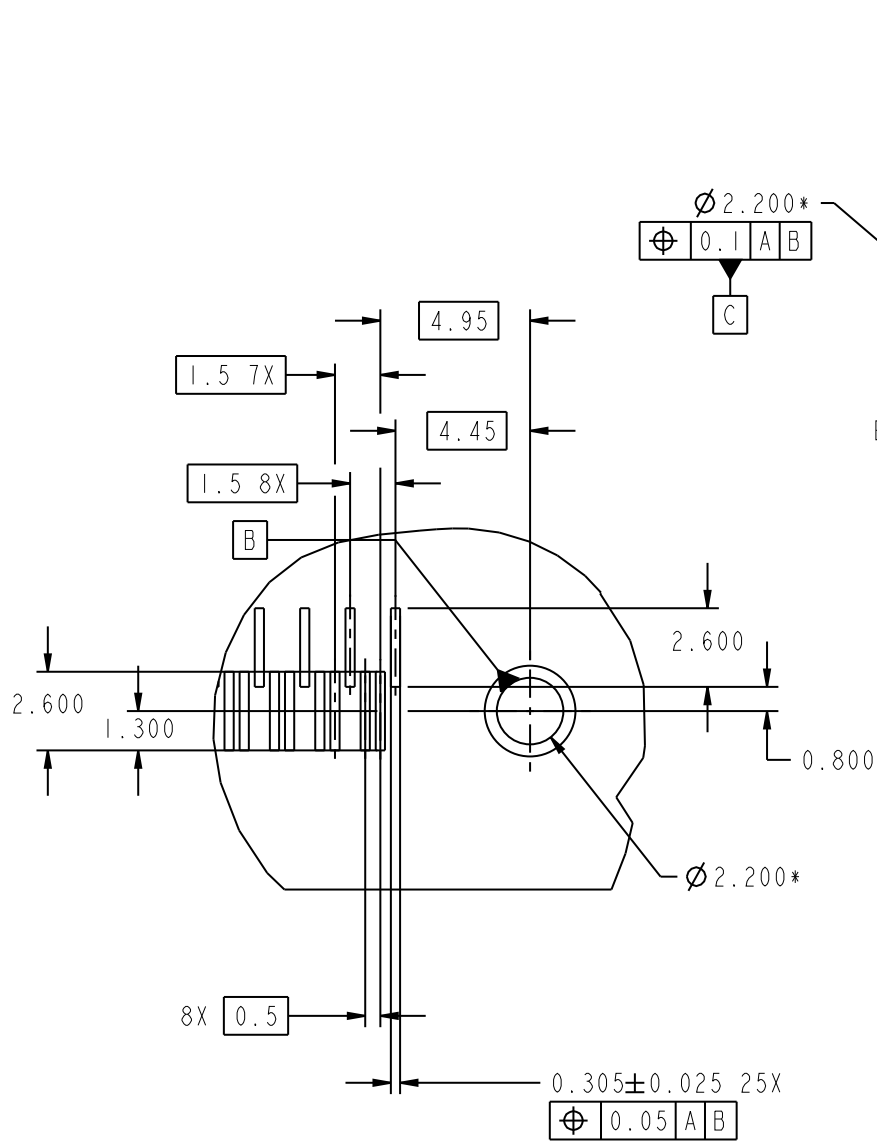
DATUM **A** IS SURFACE OF PCB

THIS PCB LAYOUT IS RECOMMENDED FOR RECEPTACLE ASSEMBLIES THAT HAVE CRUSH/DIAMOND PEGS (58368-11X1XX). SEE NEXT PAGE FOR RECOMMENDED LAYOUT FOR RECEPTACLE ASSEMBLIES WITHOUT CRUSH/DIAMOND PEGS. \*RECEPTACLE CAN ALSO BE PLACED WITH 1.82±0.05/-0.0 BY 2.6±0.05 SLOT AT THIS LOCATION ON THE PCB.)

|                                                                                       |            |            |                                                     |        |                               |  |                                                                                                     |              |                                                                                             |  |
|---------------------------------------------------------------------------------------|------------|------------|-----------------------------------------------------|--------|-------------------------------|--|-----------------------------------------------------------------------------------------------------|--------------|---------------------------------------------------------------------------------------------|--|
| www.fciconnect.com                                                                    |            |            | surface<br>ASME Y14.5 ✓                             |        | tolerance std<br>ASME Y14.5 - |  | projection<br> |              | MM<br> |  |
|                                                                                       |            |            | TOLERANCES UNLESS OTHERWISE SPECIFIED               |        |                               |  |                                                                                                     |              |                                                                                             |  |
| Dr                                                                                    | R. DRAGG00 | 2002-01-07 | ANGULAR                                             | LINEAR | 0.X ±.30                      |  | size<br>A4                                                                                          | Scale<br>2:1 |                                                                                             |  |
| Eng                                                                                   | S. OLSON   | 2001-09-11 |                                                     |        | 0.XX ±.10                     |  |                                                                                                     |              |                                                                                             |  |
| Chr                                                                                   | HIRAN V N  | 2006-07-26 |                                                     |        | 0.XXX ±.050                   |  |                                                                                                     |              |                                                                                             |  |
| Appr                                                                                  | HIRAN V N  | 2006-07-26 | 0° ±2°                                              |        | ECN                           |  |                                                                                                     | 109-0115     |                                                                                             |  |
|                                                                                       |            |            | Product family InfiniBand                           |        |                               |  | Spec ref -                                                                                          |              |                                                                                             |  |
|  |            |            | title<br>4X R.A. RECEPT. ASS'Y<br>w/o MOUNTING TABS |        |                               |  | dwg no<br>58368                                                                                     |              | Rev.<br>L                                                                                   |  |
|                                                                                       |            |            | catalog no                                          |        |                               |  | CUSTOMER                                                                                            |              | sheet 5 of 9                                                                                |  |



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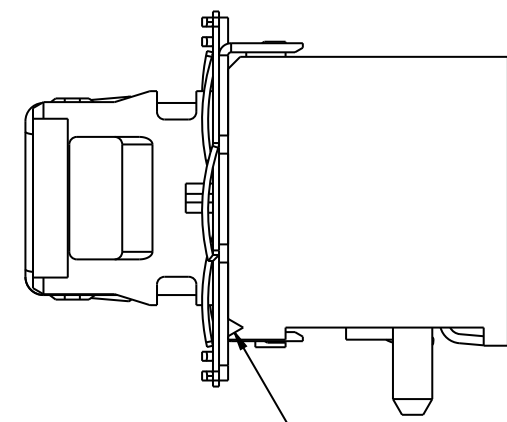
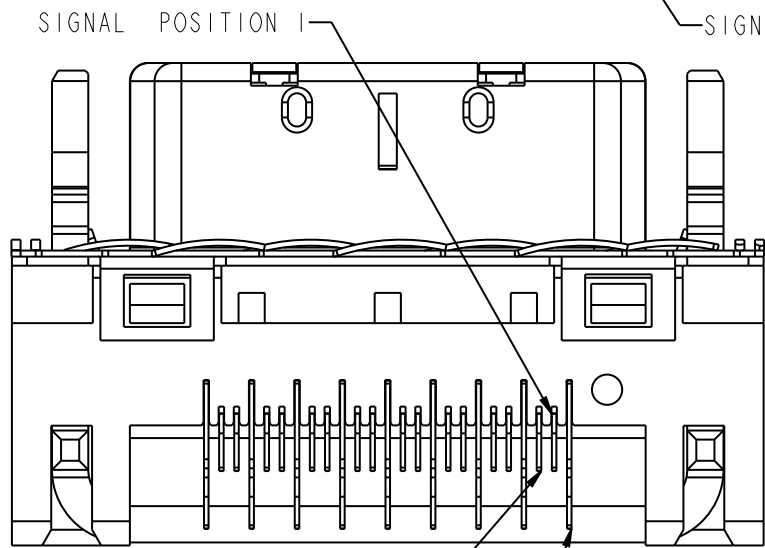
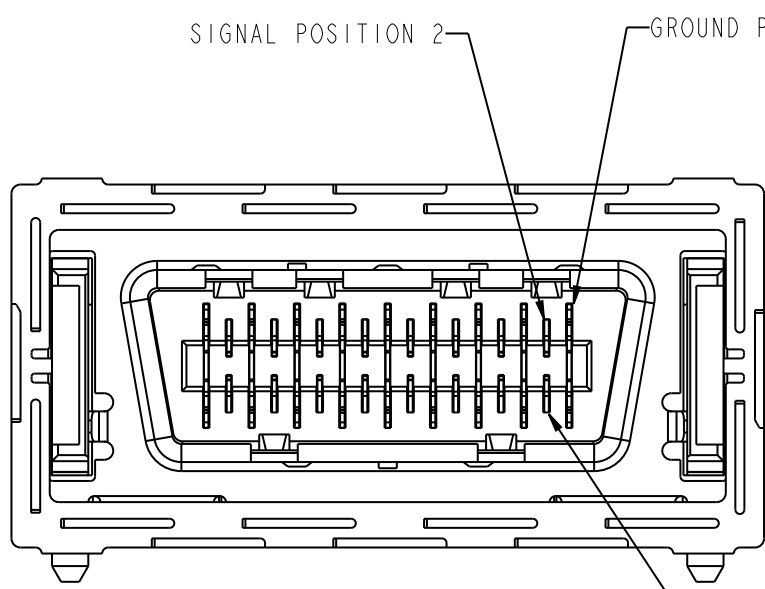
DATUM A IS SURFACE OF PCB

THIS PCB LAYOUT IS RECOMMENDED FOR RECEPTACLE ASSEMBLIES THAT DO NOT HAVE CRUSH/DIAMOND PEGS (58368-11X0XX). SEE PREVIOUS PAGE FOR RECOMMENDED LAYOUT FOR RECEPTACLE ASSEMBLIES WITH CRUSH/DIAMOND PEGS. \*PLATED THROUGH HOLES

|                                                                                       |            |            |                                                     |        |                               |                 |                                                                                                     |              |                                                                                             |  |
|---------------------------------------------------------------------------------------|------------|------------|-----------------------------------------------------|--------|-------------------------------|-----------------|-----------------------------------------------------------------------------------------------------|--------------|---------------------------------------------------------------------------------------------|--|
| www.fciconnect.com                                                                    |            |            | surface<br>ASME Y14.5 ✓                             |        | tolerance std<br>ASME Y14.5 - |                 | projection<br> |              | MM<br> |  |
|                                                                                       |            |            | TOLERANCES UNLESS OTHERWISE SPECIFIED               |        |                               |                 |                                                                                                     |              |                                                                                             |  |
| Dr                                                                                    | R. DRAGGOO | 2002-01-07 | ANGULAR                                             | LINEAR | 0.X ±.30                      |                 | size<br>A4                                                                                          | Scale<br>1:1 |                                                                                             |  |
| Eng                                                                                   | S. OLSON   | 2001-09-11 |                                                     |        | 0.XX ±.10                     |                 |                                                                                                     |              |                                                                                             |  |
| Chr                                                                                   | HIRAN V N  | 2006-07-26 | 0° ±2°                                              |        | 0.XXX ±.050                   |                 | ECN                                                                                                 |              | 109-0115                                                                                    |  |
| Appr                                                                                  | HIRAN V N  | 2006-07-26 | Product family InfiniBand                           |        |                               |                 | Spec ref -                                                                                          |              |                                                                                             |  |
|  |            |            | title<br>4X R.A. RECEPT. ASS'Y<br>w/o MOUNTING TABS |        |                               | dwg no<br>58368 |                                                                                                     |              | Rev.<br>L                                                                                   |  |
| catalog no                                                                            |            |            |                                                     |        |                               | CUSTOMER        |                                                                                                     |              | sheet 6 of 9                                                                                |  |

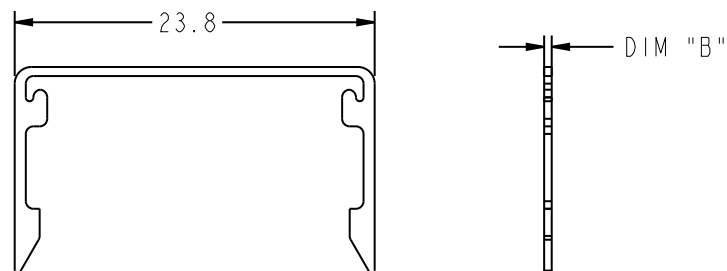


Copyright FCI.



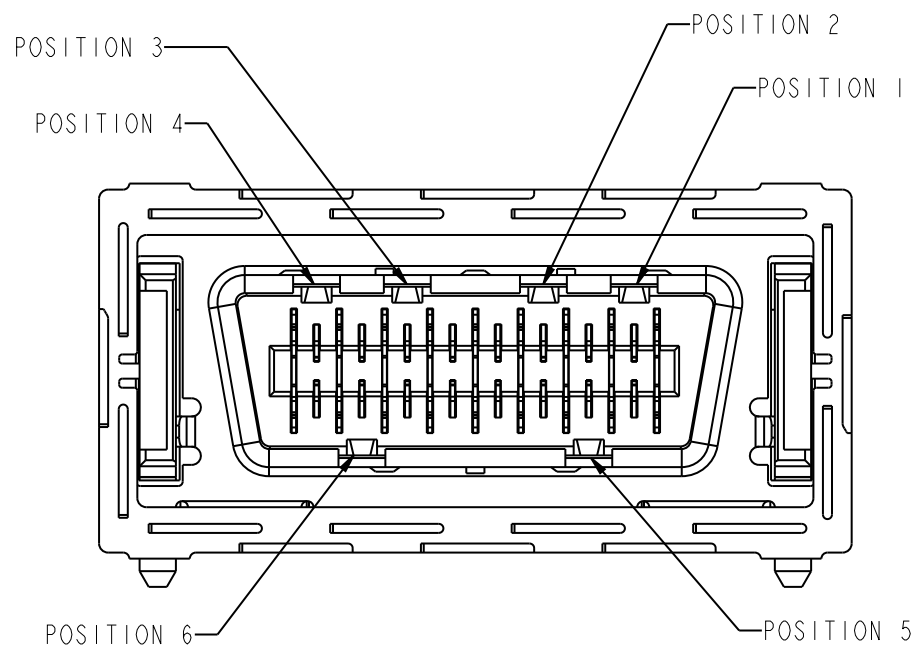
|                                                                                       |            |            |                                                  |        |                               |              |                                                                                                     |              |                                                                                             |  |  |
|---------------------------------------------------------------------------------------|------------|------------|--------------------------------------------------|--------|-------------------------------|--------------|-----------------------------------------------------------------------------------------------------|--------------|---------------------------------------------------------------------------------------------|--|--|
| www.fciconnect.com                                                                    |            |            | surface<br>ASME Y14.5 ✓                          |        | tolerance std<br>ASME Y14.5 - |              | projection<br> |              | MM<br> |  |  |
|                                                                                       |            |            | TOLERANCES UNLESS OTHERWISE SPECIFIED            |        |                               |              |                                                                                                     |              |                                                                                             |  |  |
| Dr                                                                                    | R. DRAGGOO | 2002-01-07 | ANGULAR                                          | LINEAR | 0.X ±.30                      |              | size<br>A4                                                                                          | Scale<br>1:1 |                                                                                             |  |  |
| Eng                                                                                   | S. OLSON   | 2001-09-11 |                                                  |        | 0.XX ±.10                     |              |                                                                                                     |              |                                                                                             |  |  |
| Chr                                                                                   | HIRAN V N  | 2006-07-26 |                                                  |        | 0.XXX ±.050                   |              |                                                                                                     |              |                                                                                             |  |  |
| Appr                                                                                  | HIRAN V N  | 2006-07-26 | 0° ±2°                                           |        | ECN 109-0115                  |              |                                                                                                     |              |                                                                                             |  |  |
|                                                                                       |            |            | Product family InfiniBand                        |        |                               |              |                                                                                                     | Spec ref -   |                                                                                             |  |  |
|  |            |            | title 4X R.A. RECEPT. ASS'Y<br>w/o MOUNTING TABS |        |                               | dwg no 58368 |                                                                                                     |              | Rev. L                                                                                      |  |  |
|                                                                                       |            |            |                                                  |        |                               |              |                                                                                                     |              |                                                                                             |  |  |
| catalog no                                                                            |            |            | CUSTOMER                                         |        |                               |              |                                                                                                     | sheet 7 of 9 |                                                                                             |  |  |

| LOCK PLATE<br>PART NUMBER | DIM "B" | SIZE | USED WITH |                                                   | QTY PER<br>BAG |
|---------------------------|---------|------|-----------|---------------------------------------------------|----------------|
|                           |         |      | ASSEMBLY  | PANEL THICKNESS                                   |                |
| 58378-001                 | 0.50    | 4X   | 58368     | 1.00±0.03mm/0.040±.001"                           | 100            |
| 58378-011                 | 0.30    | 4X   | 58368     | 1.20±0.03mm/0.047±.001"                           | 100            |
| 58378-021                 | 0.60    | 4X   | 58368     | 0.91±0.03mm/0.0359±.001"<br>(20 GAGE PCI BRACKET) | 100            |



THESE PANEL LOCK PLATES ARE TO BE ORDERED SEPARATELY

| KEYING POSITIONS |               |               |               |               |               |               |
|------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| PART NUMBER      | POSITION<br>1 | POSITION<br>2 | POSITION<br>3 | POSITION<br>4 | POSITION<br>5 | POSITION<br>6 |
| 58368-11XXX2     |               | X             |               |               |               | X             |



|                                                                                       |            |            |                                                     |        |             |                             |            |                                                                                                     |  |                                                                                             |              |  |
|---------------------------------------------------------------------------------------|------------|------------|-----------------------------------------------------|--------|-------------|-----------------------------|------------|-----------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|--------------|--|
| www.fciconnect.com                                                                    |            |            | surface<br>ASME Y14.5                               |        | ✓           | tolerance std<br>ASME Y14.5 |            | projection<br> |  | MM<br> |              |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED                                                 |            |            |                                                     |        |             |                             |            |                                                                                                     |  |                                                                                             |              |  |
| Dr                                                                                    | R. DRAGGOO | 2002-01-07 | ANGULAR<br>0° ±2°                                   | LINEAR | 0.X ±.30    |                             | size<br>A4 | Scale<br>1:1                                                                                        |  |                                                                                             |              |  |
| Eng                                                                                   | S. OLSON   | 2001-09-11 |                                                     |        | 0.XX ±.10   |                             |            |                                                                                                     |  |                                                                                             |              |  |
| Chr                                                                                   | HIRAN V N  | 2006-07-26 |                                                     |        | 0.XXX ±.050 |                             |            |                                                                                                     |  |                                                                                             |              |  |
| Appr                                                                                  | HIRAN V N  | 2006-07-26 | Product family InfiniBand                           |        |             |                             |            | ECN                                                                                                 |  | 109-0115                                                                                    |              |  |
|                                                                                       |            |            | Spec ref                                            |        |             |                             |            | -                                                                                                   |  |                                                                                             |              |  |
|  |            |            | title<br>4X R.A. RECEPT. ASS'Y<br>w/o MOUNTING TABS |        |             |                             |            | dwg no<br>58368                                                                                     |  |                                                                                             | Rev<br>L     |  |
|                                                                                       |            |            | catalog no                                          |        |             |                             |            | CUSTOMER                                                                                            |  |                                                                                             | sheet 8 of 9 |  |

REV F - 2006-04-17

3 PDM: Rev:L

STATUS Released

4 Printed: Apr 21, 2010

58368-1XXXXYY

SOLDERTAIL PLATING  
BLANK-TIN/LEAD  
LF-LEAD FREE (SEE NOTE 2)

KEYING OPTIONS, SEE SHEET 8  
0-NONE  
2-CUSTOM

PACKAGING  
1-TAPE & REEL  
2-TRAY

PEGS  
0-NONE  
1-CRUSH/DIAMOND PEGS

PCB THICKNESS  
1-1.6mm  
2-2.4mm  
3-4.0mm

EMI GASKET  
0-WITHOUT GASKET  
1-WITH GASKET

INTERFACE PLATING  
1-Au over Ni

# NOTES:1

- HOUSING MATERIAL: UL94 V-O LCP RESIN.  
SIGNAL PIN MATERIAL: COPPER ALLOY.  
GROUND CONTACT MATERIAL: COPPER ALLOY.
- PLATING: LEAD FREE SOLDER TAILS 2 $\mu$ m (80 $\mu$ in) MIN MATTE TIN  
OVER 1.27 $\mu$ m (50 $\mu$ in) MIN NICKEL UNDERPLATE.
- P/N AND DATE CODE TO APPEAR  
ON THIS SURFACE.
- PRODUCT SPECIFICATION GS-12-209.
- CONNECTOR WEIGHT = 6.38 grams
- APPLICATION SPECIFICATION: GS-20-025
- PACKAGING SPECIFICATION GS-14-794. PACKAGING OF LEAD FREE  
PRODUCTS MEETS LABELING AND PACKAGING SPECIFICATION GS-14-920.
- ALL DIMENSIONS ON PCB'S ARE BASIC UNLESS OTHERWISE SPECIFIED.
- ALL HOLE DIAMETERS ON PCB'S ARE FINISHED HOLE SIZE
- AREA ON TOP OF CONNECTOR IS FLAT & SMOOTH AND  
CAN BE USED FOR VACUUM PICK & PLACE.
- MATES WITH EYEMAX® PLUG 58443 (WITHOUT PCB),  
58638 (WITH UNEQUALIZED PCB) OR 10026692 (WITH EQUALIZED PCB).
- LEAD FREE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND  
OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE  
FOR 15 SECONDS IN A CONVECTION, INFRARED OR VAPOR PHASE REFLOW.  
OVEN.

| PRODUCT NUMBER | BOARD THICKNESS | DIM A |
|----------------|-----------------|-------|
| 58368-111XXX   | 1.6mm           | 2.3   |
| 58368-112XXX   | 2.4mm           | 3.1   |
| 58368-113XXX   | 4.0mm           | 4.7   |

|                    |            |            |                                                     |                             |                  |
|--------------------|------------|------------|-----------------------------------------------------|-----------------------------|------------------|
| www.fciconnect.com |            |            | surface<br>ASME Y14.5                               | tolerance std<br>ASME Y14.5 | projection<br>MM |
|                    |            |            | TOLERANCES UNLESS OTHERWISE SPECIFIED               |                             |                  |
| Dr                 | R. DRAGG00 | 2002-01-07 | ANGULAR                                             | 0.X                         | ±.30             |
| Eng                | S. OLSON   | 2001-09-11 | LINEAR                                              | 0.XX                        | ±.10             |
| Chr                | HIRAN V N  | 2006-07-26 | 0°                                                  | 0.XXX                       | ±.050            |
| Appr               | HIRAN V N  | 2006-07-26 | Product family InfiniBand                           |                             | Spec ref         |
| FCI                |            |            | title<br>4X R.A. RECEPT. ASS'Y<br>w/o MOUNTING TABS |                             | dwg no<br>58368  |
| catalog no         |            |            | CUSTOMER                                            |                             | Rev.<br>L        |
|                    |            |            | sheet 9 of 9                                        |                             |                  |