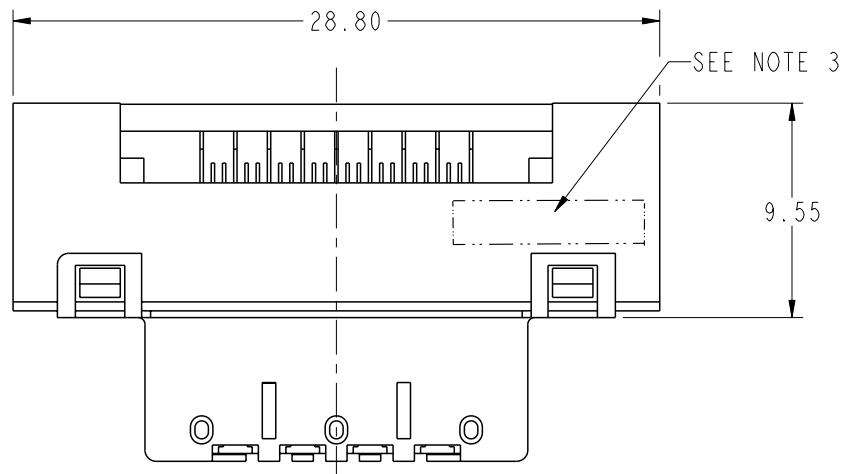
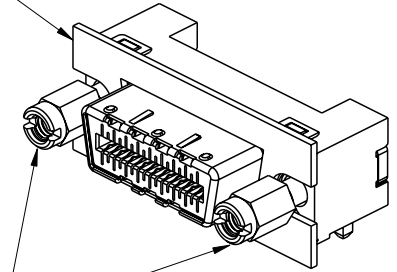
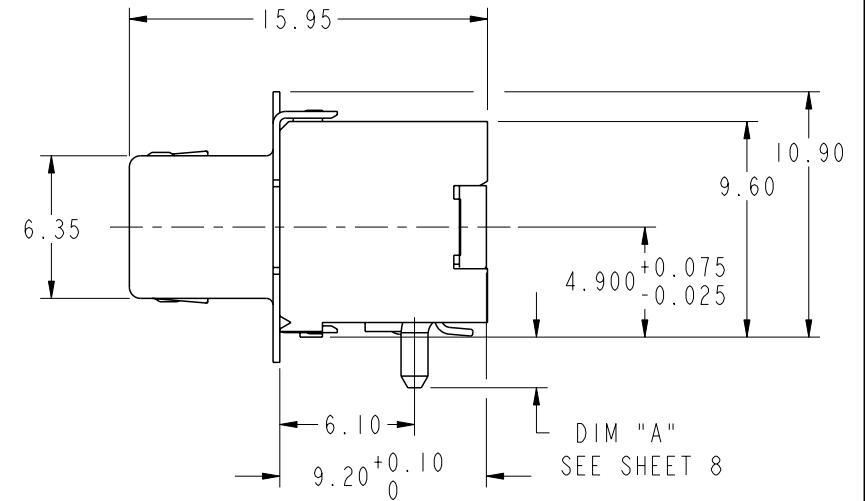
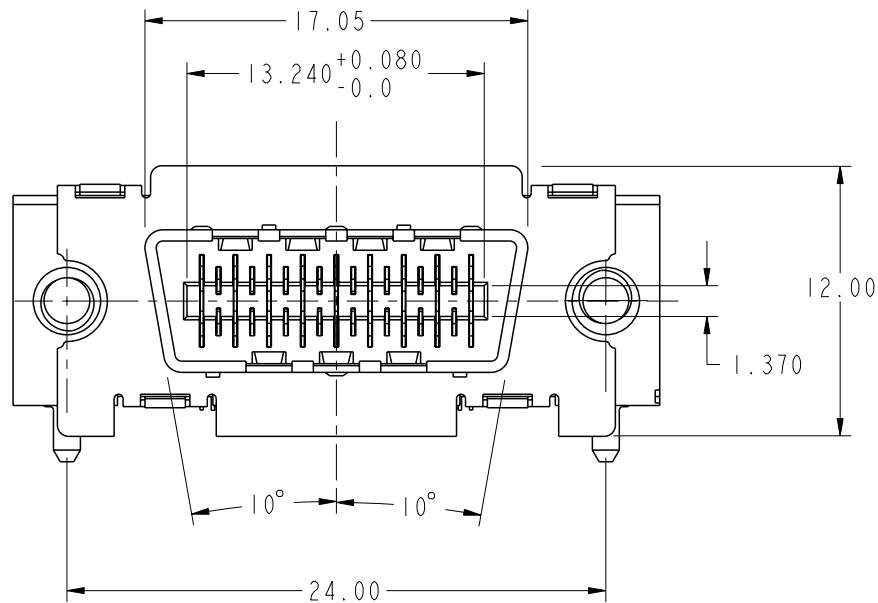




AVAILABLE WITH OR WITHOUT  
EMI GASKET.  
FOAM GASKET P/N 10019396-001 CAN  
BE PURCHASED SEPARATELY.  
METAL GASKET P/N 10043517 MUST BE  
PURCHASED ALREADY ASSEMBLED.



P/N 10009634-001, 2X  
THREADED STANDOFFS SOLD  
SEPARATELY



Copyright FCI.

| rev | ecn no   | dr  | date       |
|-----|----------|-----|------------|
| D   | V04-0460 | DAI | 2004/06/08 |
| E   | V04-0830 | TAB | 2004/08/18 |
| F   | V04-1005 | DAI | 2004/10/06 |
| G   | V05-0063 | TAB | 2005/02/14 |
| H   | 105-0141 | HVN | 2005/08/12 |
| J   | 106-0123 | HVN | 2006/07/26 |
| K   | 108-0048 | RPK | 2008/03/28 |

|                    |            |                                                              |                             |                          |              |
|--------------------|------------|--------------------------------------------------------------|-----------------------------|--------------------------|--------------|
| www.fciconnect.com |            | surface 3.2<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>3:1 |
| Dr                 | G. PETERS  | 2003/08/13                                                   | ANGULAR                     | 0.X ±.30                 | ECN 108-0048 |
| Eng                | D. BRANN   | 2003/08/13                                                   | LINEAR                      | 0.XX ±.10                |              |
| Chr                | RAMESH P K | 2008/03/27                                                   | 0° ±2°                      | 0.XXX ±.050              |              |
| Appr               | RAMESH P K | 2008/03/27                                                   | Product family EyeMax (tm)  |                          | Spec ref     |
| FCI                |            | title<br>4X R/A THUMBSCREW RECPT<br>ASSEMBLY, w/ 7 KEY SLOTS |                             | dwg no<br>10009629       | Rev.<br>K    |
|                    |            | catalog no                                                   | CUSTOMER                    |                          | sheet 1 of 9 |

REV F - 2006-04-17

PDM: Rev:K

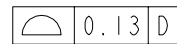
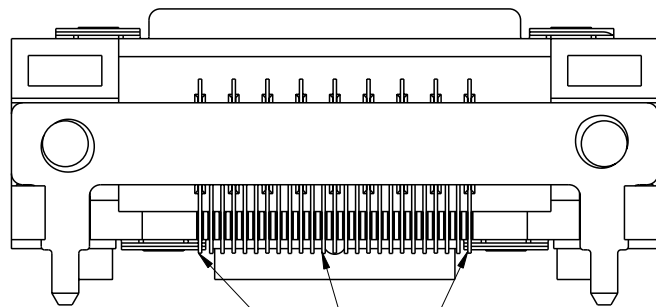
STATUS Released

Printed: Apr 02, 2008

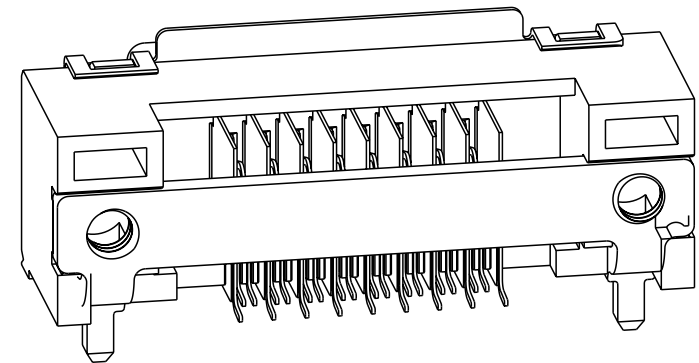
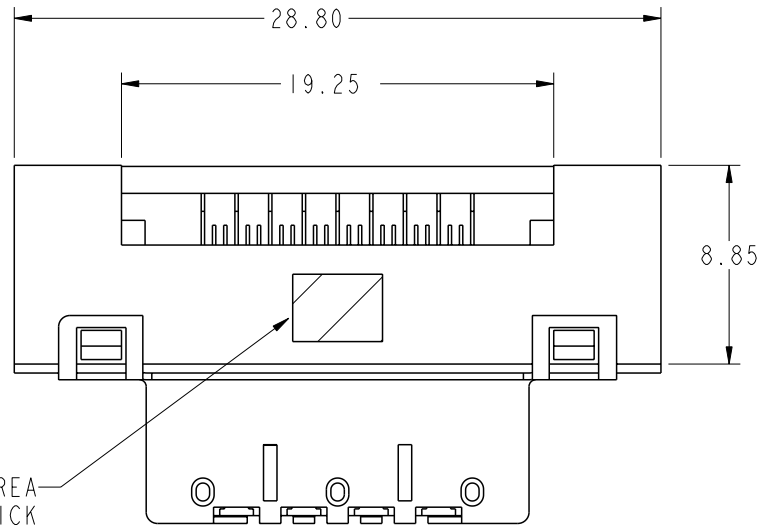


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CROSS HATCH AREA  
IS FOR VACUUM PICK  
& PLACE REF. ONLY



COPLANARITY MEASUREMENT TO BE TAKEN  
AT THE BOTTOM MOST POINT ON CONTACT TAILS  
COPLANARITY ZONE IS BELOW DATUM D.



|                                                                                       |            |            |                                                              |  |                             |  |                                                                                                     |  |                                                                                             |              |
|---------------------------------------------------------------------------------------|------------|------------|--------------------------------------------------------------|--|-----------------------------|--|-----------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|--------------|
| www.fciconnect.com                                                                    |            |            | surface 3.2<br>ASME Y14.5                                    |  | tolerance std<br>ASME Y14.5 |  | projection<br> |  | MM<br> |              |
|                                                                                       |            |            | TOLERANCES UNLESS OTHERWISE SPECIFIED                        |  |                             |  |                                                                                                     |  |                                                                                             |              |
| Dr                                                                                    | G.PETERS   | 2003/08/13 | ANGULAR<br>LINEAR                                            |  | 0.X                         |  | ±.30                                                                                                |  | size<br>A4                                                                                  | Scale<br>3:1 |
| Eng                                                                                   | D.BRANN    | 2003/08/13 |                                                              |  | 0.XX                        |  | ±.10                                                                                                |  |                                                                                             |              |
| Chr                                                                                   | RAMESH P K | 2008/03/27 | 0° ±2°                                                       |  | 0.XXX                       |  | ±.050                                                                                               |  | ECN                                                                                         | 108-0048     |
| Appr                                                                                  | RAMESH P K | 2008/03/27 | Product family EyeMax (tm)                                   |  |                             |  |                                                                                                     |  | Spec ref -                                                                                  |              |
|  |            |            | title<br>4X R/A THUMBSCREW RECPT<br>ASSEMBLY, w/ 7 KEY SLOTS |  |                             |  | dwg no<br>10009629                                                                                  |  |                                                                                             | Rev.<br>K    |
| catalog no                                                                            |            |            | -                                                            |  |                             |  | CUSTOMER                                                                                            |  |                                                                                             | sheet 2 of 9 |



Copyright FCI.

A

B

C

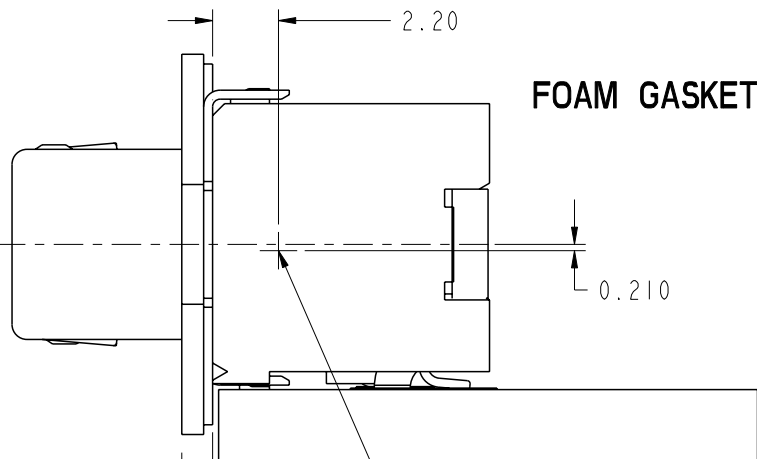
D

A

B

C

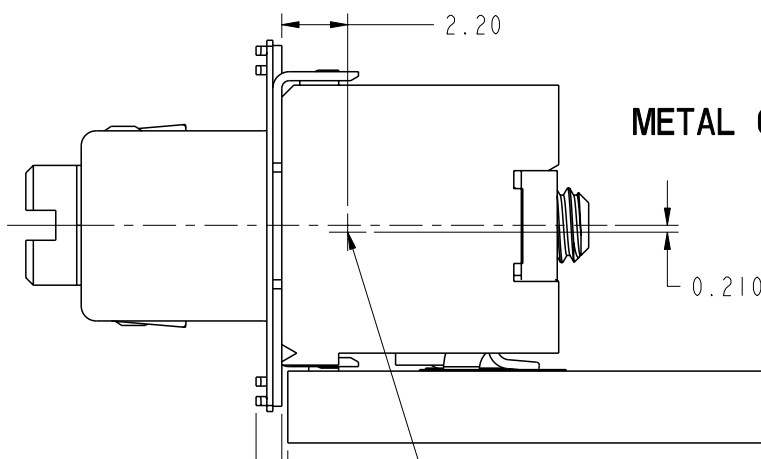
D



FOAM GASKET

10009629 CENTER OF GRAVITY  
SEE NOTE 5

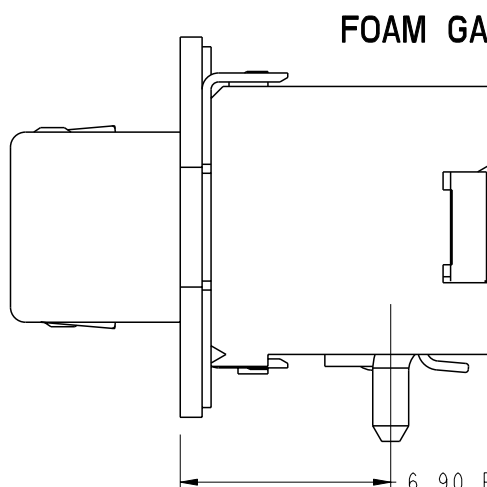
0.20 REF. DISTANCE FROM PCB TO REAR OF "D" SHELL  
1.00 REF. DISTANCE FROM PCB TO INSIDE SURFACE  
OF BULKHEAD OR PCI BRACKET  
**BULKHEAD/BRACKET NOT SHOWN**



METAL GASKET

10009629 CENTER OF GRAVITY  
SEE NOTE 5

0.20 REF. DISTANCE FROM PCB TO REAR OF "D" SHELL  
1.00 REF. DISTANCE FROM PCB TO INSIDE SURFACE  
OF BULKHEAD OR PCI BRACKET  
**BULKHEAD/BRACKET NOT SHOWN**

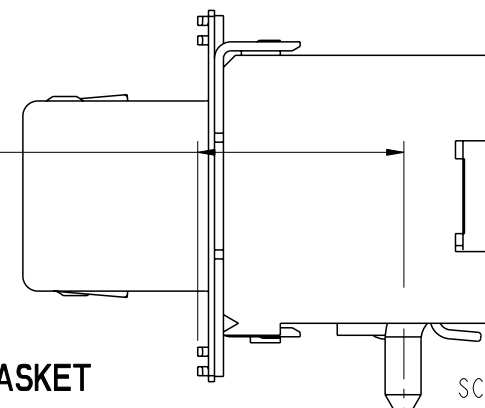


FOAM GASKET

6.90 REF.  
DISTANCE FROM CENTER OF GROUND PEG  
TO INSIDE SURFACE OF BULKHEAD OR PCI BRACKET  
GASKET COMPRESSED **BULKHEAD/BRACKET NOT SHOWN**

6.75 REF.  
DISTANCE FROM CENTER OF GROUND PEG  
TO INSIDE SURFACE OF BULKHEAD OR PCI BRACKET  
GASKET COMPRESSED.

**BULKHEAD/BRACKET NOT SHOWN**



METAL GASKET

SCALE 4:1

|                                                                                       |            |                                                              |                                       |        |                               |                                                                                                     |                                                                                             |
|---------------------------------------------------------------------------------------|------------|--------------------------------------------------------------|---------------------------------------|--------|-------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| www.fciconnect.com                                                                    |            |                                                              | surface 3.2<br>ASME Y14.5             |        | tolerance std<br>ASME Y14.5 - | projection<br> | MM<br> |
|                                                                                       |            |                                                              | TOLERANCES UNLESS OTHERWISE SPECIFIED |        |                               |                                                                                                     |                                                                                             |
| Dr                                                                                    | G. PETERS  | 2003/08/13                                                   | ANGULAR<br>0° ±2°                     | LINEAR | 0.X ±.3                       | size<br>A4                                                                                          | Scale<br>1:1                                                                                |
| Eng                                                                                   | D. BRANN   | 2003/08/13                                                   |                                       |        | 0.XX ±.10                     |                                                                                                     |                                                                                             |
| Chr                                                                                   | RAMESH P K | 2008/03/27                                                   |                                       |        | 0.XXX ±.050                   |                                                                                                     |                                                                                             |
| Appr                                                                                  | RAMESH P K | 2008/03/27                                                   | Product family EyeMax (tm)            |        |                               | ECN 108-0048                                                                                        | Spec ref -                                                                                  |
|  |            | title<br>4X R/A THUMBSCREW RECPT<br>ASSEMBLY, w/ 7 KEY SLOTS | dwg no<br>10009629                    |        |                               | Rev<br>K                                                                                            |                                                                                             |
|                                                                                       |            |                                                              |                                       |        |                               |                                                                                                     |                                                                                             |
| catalog no                                                                            |            | -                                                            | CUSTOMER                              |        | sheet 3 of 9                  |                                                                                                     |                                                                                             |

REV F - 2008-04-17

PDM: Rev:K

STATUS Released

Printed: Apr 02, 2008



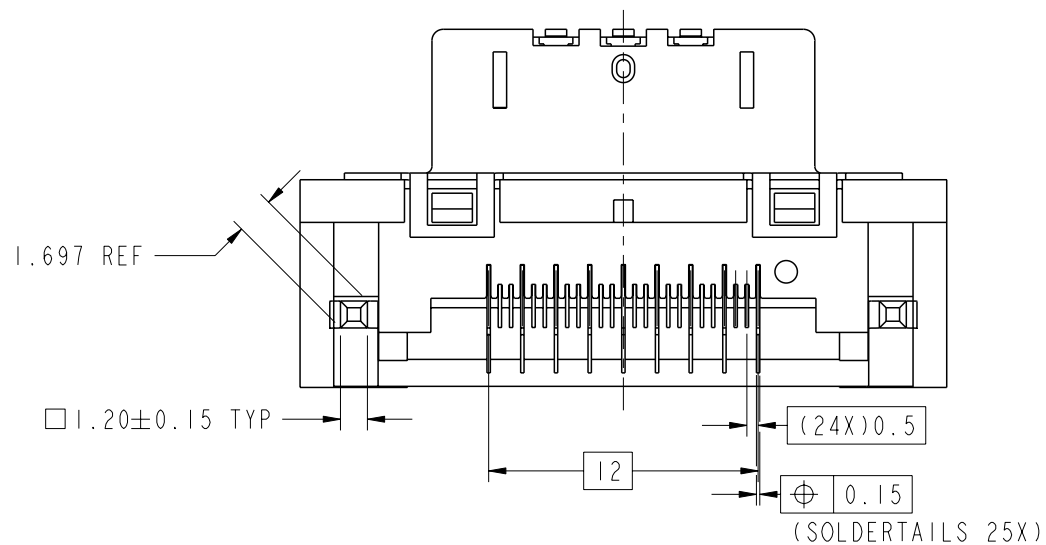
Copyright FCI.

A

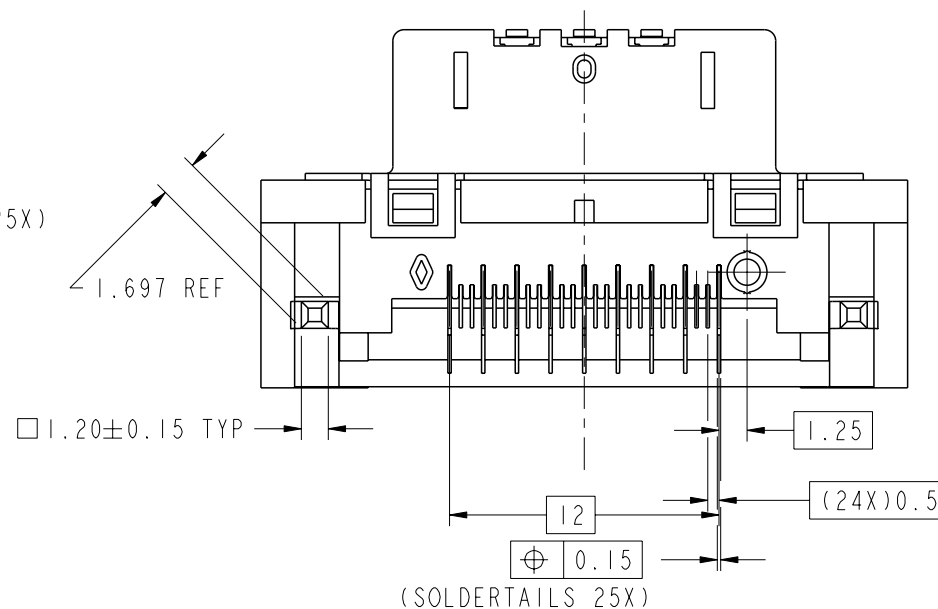
B

C

D



10009629-1XX0XX PRODUCT WITHOUT PEGS



10009629-1XX1XX PRODUCT WITH PEGS

|                    |            |            |                                                              |                             |                  |
|--------------------|------------|------------|--------------------------------------------------------------|-----------------------------|------------------|
| www.fciconnect.com |            |            | surface 3.2<br>ASME Y14.5                                    | tolerance std<br>ASME Y14.5 | projection<br>MM |
|                    |            |            | TOLERANCES UNLESS OTHERWISE SPECIFIED                        |                             |                  |
| Dr                 | G. PETERS  | 2003/08/13 | ANGULAR<br>0° ± 2°                                           | 0.X ±.3                     | size<br>A4       |
| Eng                | D. BRANN   | 2003/08/13 |                                                              | 0.XX ±.10                   |                  |
| Chr                | RAMESH P K | 2008/03/27 | Product family EyeMax (tm)                                   | 0.XXX ±.050                 | ECN 108-0048     |
| Appr               | RAMESH P K | 2008/03/27 |                                                              |                             |                  |
|                    |            |            | Spec ref                                                     |                             | -                |
| FCI                |            |            | title<br>4X R/A THUMBSCREW RECPT<br>ASSEMBLY, w/ 7 KEY SLOTS |                             | Rev.<br>K        |
|                    |            |            | diag no<br>10009629                                          |                             |                  |
|                    |            |            | catalog no                                                   | CUSTOMER                    | sheet 4 of 9     |

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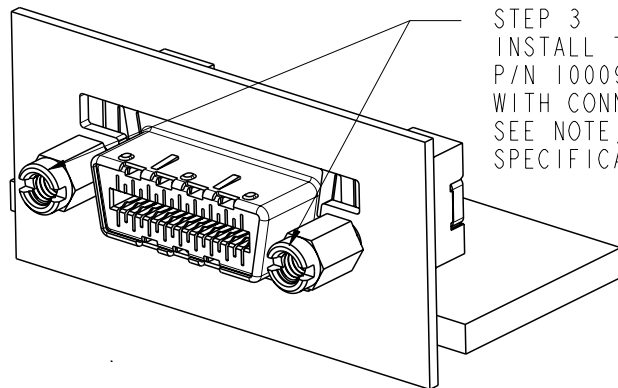
PDM: Rev:K

STATUS Released

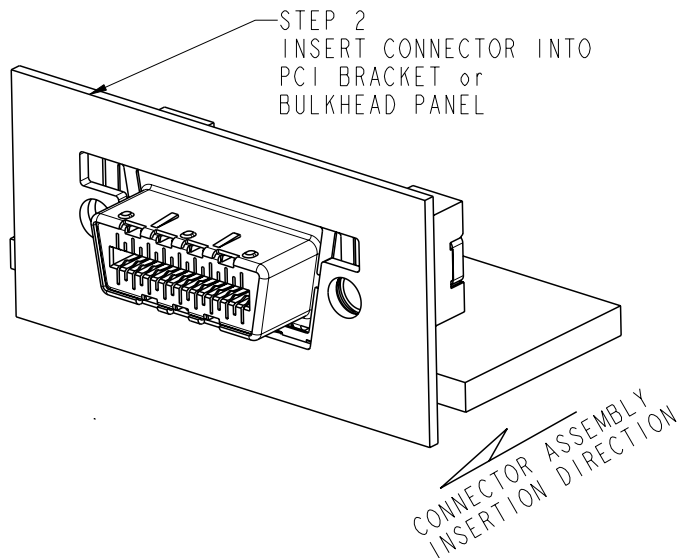
Printed: Apr 02, 2008



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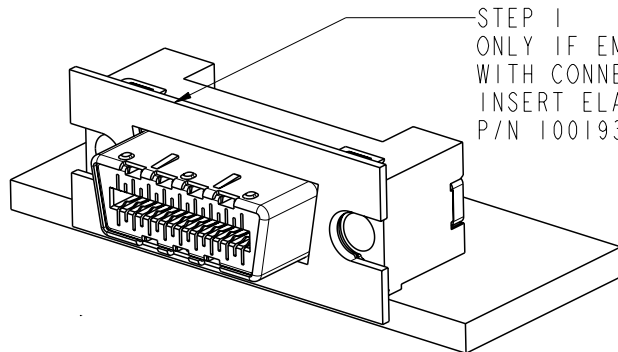


STEP 3  
INSTALL THREADED STANDOFFS  
P/N 10009634-001, NOT SUPPLIED  
WITH CONNECTOR ASSEMBLY  
SEE NOTE, SHEET 8, FOR TORQUE  
SPECIFICATION.



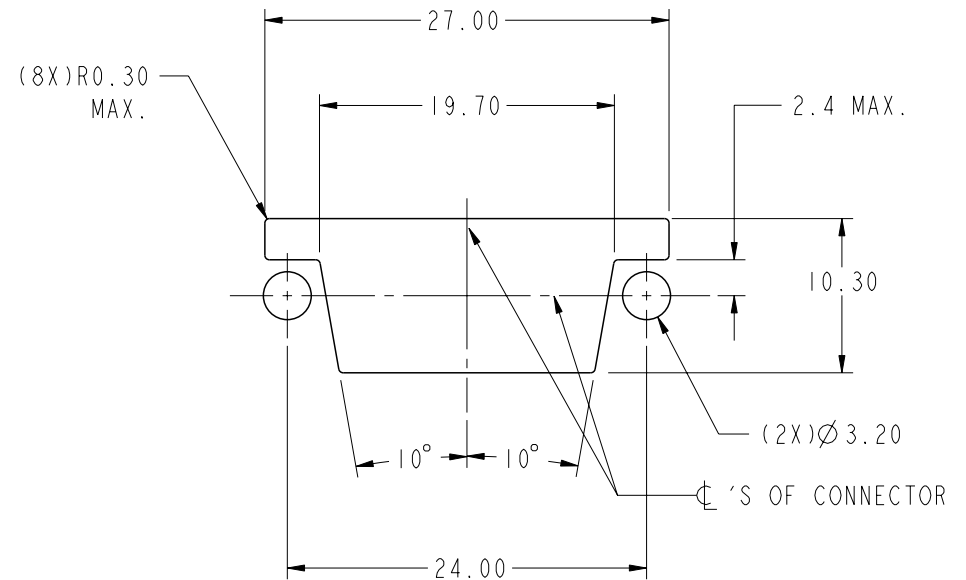
STEP 2  
INSERT CONNECTOR INTO  
PCI BRACKET or  
BULKHEAD PANEL

CONNECTOR ASSEMBLY  
INSERTION DIRECTION



STEP 1  
ONLY IF EMI GASKET NOT SUPPLIED  
WITH CONNECTOR ASSEMBLY.  
INSERT ELASTOMERIC EMI GASKET,  
P/N 10019396-001.

CONNECTOR APPLICATION TO PCI BRACKET/PANEL



RECOMMENDED PANEL CUTOUT

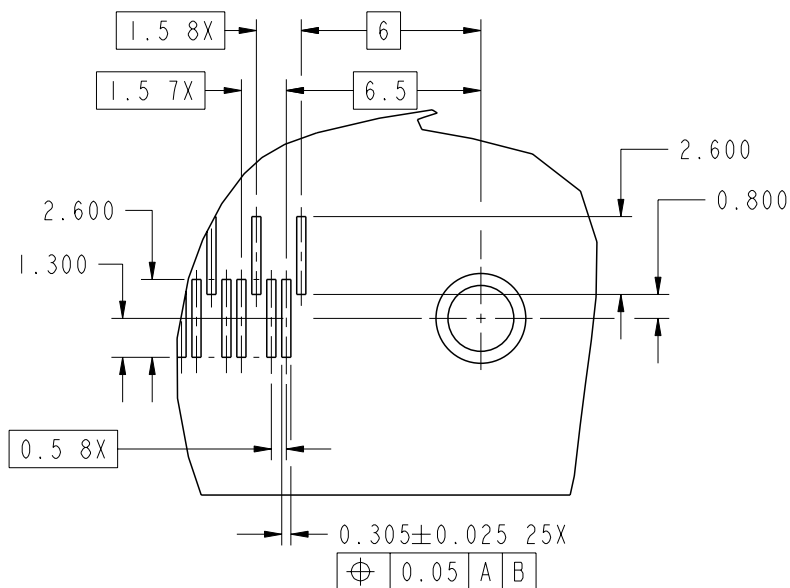
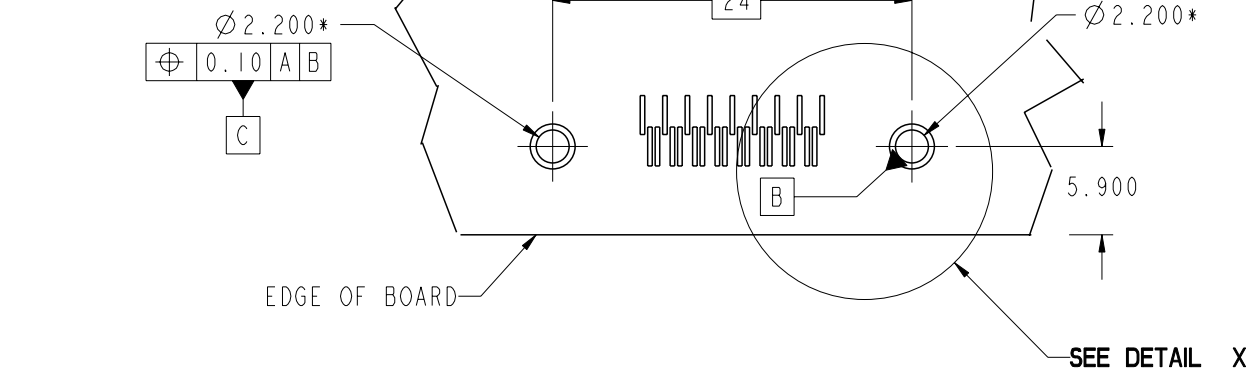
|                                                                                       |            |            |                                                              |       |                             |                    |                                                                                                     |            |                                                                                             |  |
|---------------------------------------------------------------------------------------|------------|------------|--------------------------------------------------------------|-------|-----------------------------|--------------------|-----------------------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------------|--|
| www.fciconnect.com                                                                    |            |            | surface 3.2<br>ASME Y14.5                                    |       | tolerance std<br>ASME Y14.5 |                    | projection<br> |            | MM<br> |  |
|                                                                                       |            |            | TOLERANCES UNLESS OTHERWISE SPECIFIED                        |       |                             |                    |                                                                                                     |            |                                                                                             |  |
| Dr                                                                                    | G. PETERS  | 2003/08/13 | ANGULAR                                                      |       | LINEAR                      | 0.X                | ±.30                                                                                                | size<br>A4 | Scale<br>1:1                                                                                |  |
| Eng                                                                                   | D. BRANN   | 2003/08/13 |                                                              |       |                             | 0.XX               | ±.10                                                                                                |            |                                                                                             |  |
| Chr                                                                                   | RAMESH P K | 2008/03/27 | 0° ±2°                                                       | 0.XXX |                             | ±.050              | ECN 108-0048                                                                                        |            |                                                                                             |  |
| Appr                                                                                  | RAMESH P K | 2008/03/27 | Product family EyeMax (tm)                                   |       |                             |                    |                                                                                                     | Spec ref - |                                                                                             |  |
|  |            |            | title<br>4X R/A THUMBSCREW RECPT<br>ASSEMBLY, w/ 7 KEY SLOTS |       |                             | dwg no<br>10009629 |                                                                                                     |            | Rev.<br>K                                                                                   |  |
|                                                                                       |            |            | catalog no -                                                 |       |                             | CUSTOMER           |                                                                                                     |            | sheet 5 of 9                                                                                |  |

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DETAIL X  
SCALE 4:1

DATUM A IS SURFACE OF PCB

RECOMMENDED PCB LAYOUT, COMPONENT SIDE FOR USE  
WITHOUT CRUSH/DIAMOND PEGS (10009629-1XX0XX)  
SEE PREVIOUS PAGE FOR RECOMMENDED PCB LAYOUT FOR  
RECEPTACLE ASSEMBLIES WITH CRUSH/DIAMOND PEGS.  
\*PLATED THROUGH HOLES

|                                                                                       |            |            |                                                              |  |                               |                    |                                                                                                     |              |                                                                                             |  |
|---------------------------------------------------------------------------------------|------------|------------|--------------------------------------------------------------|--|-------------------------------|--------------------|-----------------------------------------------------------------------------------------------------|--------------|---------------------------------------------------------------------------------------------|--|
| www.fciconnect.com                                                                    |            |            | surface 3.2<br>ASME Y14.5                                    |  | tolerance std<br>ASME Y14.5 - |                    | projection<br> |              | MM<br> |  |
|                                                                                       |            |            | TOLERANCES UNLESS OTHERWISE SPECIFIED                        |  |                               |                    |                                                                                                     |              |                                                                                             |  |
| Dr                                                                                    | G. PETERS  | 2003/08/13 | ANGULAR                                                      |  | LINEAR                        | 0.X ±.30           |                                                                                                     | size<br>A4   | Scale<br>1:1                                                                                |  |
| Eng                                                                                   | D. BRANN   | 2003/08/13 |                                                              |  |                               | 0.XX ±.10          |                                                                                                     |              |                                                                                             |  |
| Chr                                                                                   | RAMESH P K | 2008/03/27 | 0° ±2°                                                       |  |                               | 0.XXX ±.050        |                                                                                                     |              |                                                                                             |  |
| Appr                                                                                  | RAMESH P K | 2008/03/27 | Product family EyeMax (tm)                                   |  |                               |                    |                                                                                                     | ECN 108-0048 |                                                                                             |  |
|                                                                                       |            |            | Product family EyeMax (tm)                                   |  |                               |                    |                                                                                                     | Spec ref -   |                                                                                             |  |
|  |            |            | title<br>4X R/A THUMBSCREW RECPT<br>ASSEMBLY, w/ 7 KEY SLOTS |  |                               | dwg no<br>10009629 |                                                                                                     |              | Rev<br>K                                                                                    |  |
| catalog no                                                                            |            |            | -                                                            |  |                               | CUSTOMER           |                                                                                                     |              | sheet 7 of 9                                                                                |  |

REV F - 2008-04-17

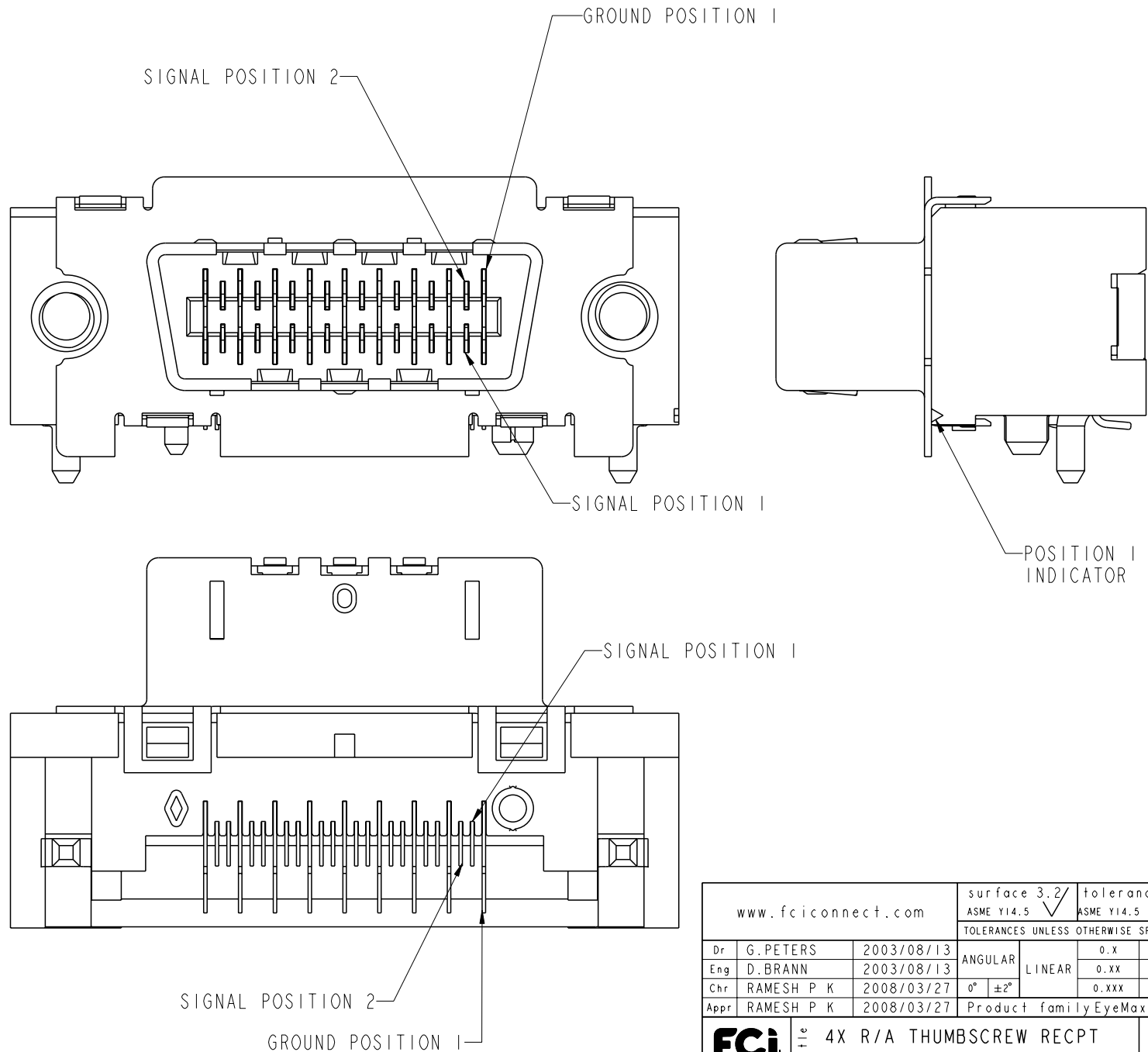
PDM: Rev:K

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|                                                                                       |            |            |                                                              |     |                               |                    |                                                                                                     |            |                                                                                             |          |  |
|---------------------------------------------------------------------------------------|------------|------------|--------------------------------------------------------------|-----|-------------------------------|--------------------|-----------------------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------------|----------|--|
| www.fciconnect.com                                                                    |            |            | surface 3.2<br>ASME Y14.5 ✓                                  |     | tolerance std<br>ASME Y14.5 - |                    | projection<br> |            | MM<br> |          |  |
|                                                                                       |            |            | TOLERANCES UNLESS OTHERWISE SPECIFIED                        |     |                               |                    |                                                                                                     |            |                                                                                             |          |  |
| Dr                                                                                    | G.PETERS   | 2003/08/13 | ANGULAR                                                      |     | LINEAR                        | 0.X                | ±.30                                                                                                | size<br>A4 | Scale<br>1:1                                                                                |          |  |
| Eng                                                                                   | D.BRANN    | 2003/08/13 |                                                              |     |                               | 0.XX               | ±.10                                                                                                |            |                                                                                             |          |  |
| Chr                                                                                   | RAMESH P K | 2008/03/27 | 0°                                                           | ±2° |                               | 0.XXX              | ±.050                                                                                               | ECN        |                                                                                             | 108-0048 |  |
| Appr                                                                                  | RAMESH P K | 2008/03/27 | Product family EyeMax (tm)                                   |     |                               |                    |                                                                                                     | Spec ref   |                                                                                             | -        |  |
|  |            |            | title<br>4X R/A THUMBSCREW RECPT<br>ASSEMBLY, w/ 7 KEY SLOTS |     |                               | dwg no<br>10009629 |                                                                                                     |            | Rev.<br>K                                                                                   |          |  |
| catalog no                                                                            |            |            |                                                              |     |                               |                    |                                                                                                     |            |                                                                                             |          |  |

REV F - 2008-04-17

3 PDM: Rev:K

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4 Printed: Apr 02, 2008



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PRODUCT NUMBER  
10009629-1XXXXX

10009629-1XXXXXXYY

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

KEYING OPTIONS  
0-NONE

PACKAGING  
1-TAPE & REEL  
2-TRAY  
3-TAPE & REEL WITH THREADED STAND-OFFS INCLUDED  
(PACKAGED SEPERATELY). 2 PER CONNECTOR.  
4-TRAY WITH THREADED STAND-OFFS INCLUDED  
(PACKAGED SEPERATELY). 2 PER CONNECTOR.

PEGS  
0-NONE  
1-CRUSH/DIAMOND PEGS

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

EMI GASKET  
0-WITH FOAM GASKET  
1-WITHOUT GASKET  
2-WITH METAL GASKET (NOT TOOLED)

PLATING  
GOLD OVER NICKEL IN CONTACT AREA

#### CONNECTOR NOTES:

1. HOUSING MATERIAL: UL94 V-O LCP RESIN.  
SIGNAL PIN MATERIAL: COPPER ALLOY.  
GROUND CONTACT MATERIAL: COPPER ALLOY.
2. PLATING: LEAD FREE SOLDER TAILS  $2\mu\text{m}$  ( $80\mu\text{in}$ ) MIN MATTE TIN  
OVER  $1.27\mu\text{m}$  ( $50\mu\text{in}$ ) MIN NICKEL UNDERPLATE.
3. P/N AND DATE CODE TO APPEAR  
ON THIS SURFACE.
4. PRODUCT SPECIFICATION GS-12-209.  
APPLICATION SPECIFICATION GS-20-025.
5. CONNECTOR WEIGHT = 5.465 grams
6. PACKAGING SPECIFICATION GS-14-794. PACKAGING OF LEAD FREE  
PRODUCTS MEETS LABELING AND PACKAGING SPECIFICATION GS-14-920.
7. MAXIMUM PANEL THICKNESS 1.70mm
8. MAXIMUM TORQUE 0.45 N-m (4.0 lbf-in)

#### PCB NOTES:

9. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE  
SPECIFIED.
10. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE
11. MATES WITH EYEMAX<sup>®</sup> PLUG 58443 (WITHOUT PCB), 58638  
(WITH UNEQUALIZED PCB) OR 10026692 (WITH EQUALIZED PCB).
12. LEAD FREE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND  
OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
13. THE HOUSING WILL WITHSTAND EXPOSURE TO  $260^{\circ}\text{C}$  PEAK TEMPERATURE  
FOR 15 SECONDS IN A CONVECTION, INFRARED OR VAPOR PHASE REFLOW  
OVEN.

| PRODUCT NUMBER  | BOARD THICKNESS | DIM A |
|-----------------|-----------------|-------|
| 10009629-1X1XXX | 1.6mm           | 2.3mm |
| 10009629-1X2XXX | 2.4mm           | 3.1mm |
| 10009629-1X3XXX | 4.0mm           | 4.7mm |

|                    |            |            |                                       |                             |                  |
|--------------------|------------|------------|---------------------------------------|-----------------------------|------------------|
| www.fciconnect.com |            |            | surface 3.2<br>ASME Y14.5             | tolerance std<br>ASME Y14.5 | projection<br>MM |
|                    |            |            | TOLERANCES UNLESS OTHERWISE SPECIFIED |                             |                  |
| Dr                 | G. PETERS  | 2003/08/13 | ANGULAR                               | 0.X                         | ±.30             |
| Eng                | D. BRANN   | 2003/08/13 |                                       | 0.XX                        | ±.10             |
| Chr                | RAMESH P K | 2008/03/27 | 0° ±2°                                | 0.XXX                       | ±.050            |
| Appr               | RAMESH P K | 2008/03/27 | Product family EyeMax (tm)            |                             |                  |
|                    |            |            | Spec ref                              |                             |                  |
| FCI                |            |            | title                                 |                             |                  |
|                    |            |            | 4X R/A THUMBSCREW RECPT               |                             |                  |
|                    |            |            | ASSEMBLY, w/ 7 KEY SLOTS              |                             |                  |
|                    |            |            | catalog no                            |                             |                  |
|                    |            |            | CUSTOMER                              |                             |                  |
|                    |            |            | sheet 9 of 9                          |                             |                  |

# AMEYA360

Components Supply Platform

Authorized Distribution Brand :



Website :

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Minhang District, Shanghai , China

➤ Sales :

Direct      +86 (21) 6401-6692  
  
Email        amall@ameya360.com  
  
QQ          800077892  
  
Skype        ameyasales1 ameyasales2

➤ Customer Service :

Email        service@ameya360.com

➤ Partnership :

Tel          +86 (21) 64016692-8333  
  
Email        mkt@ameya360.com