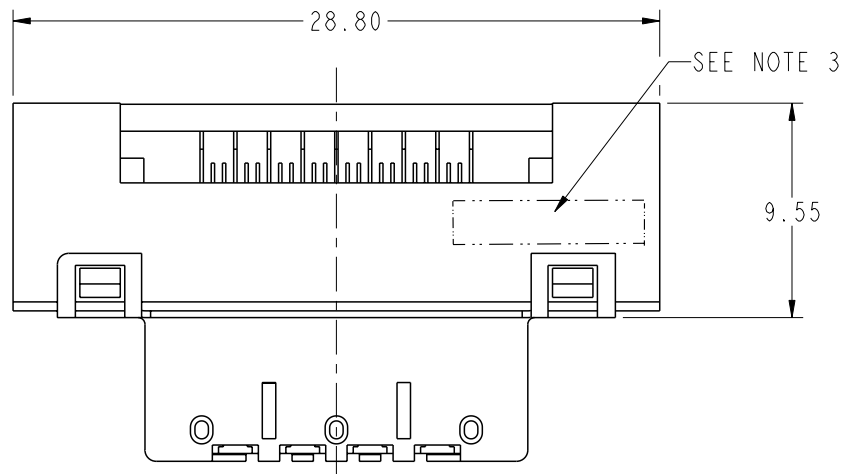
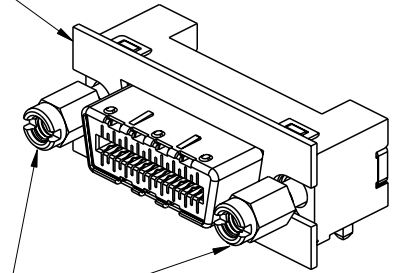
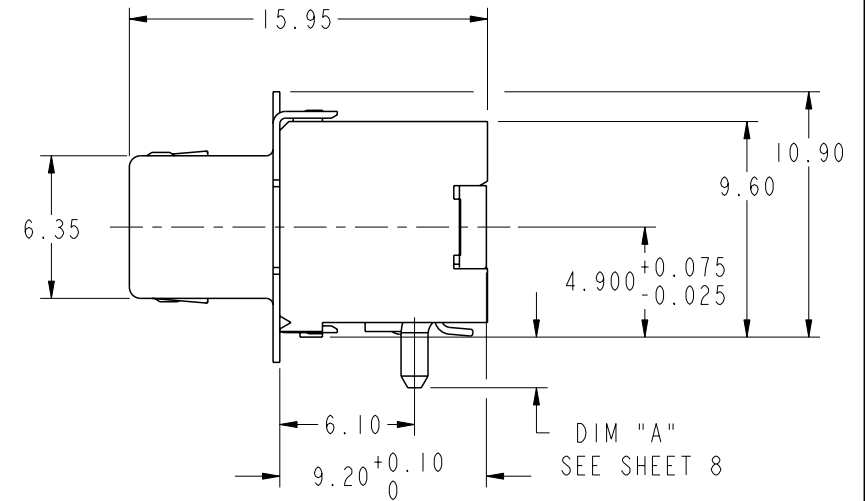
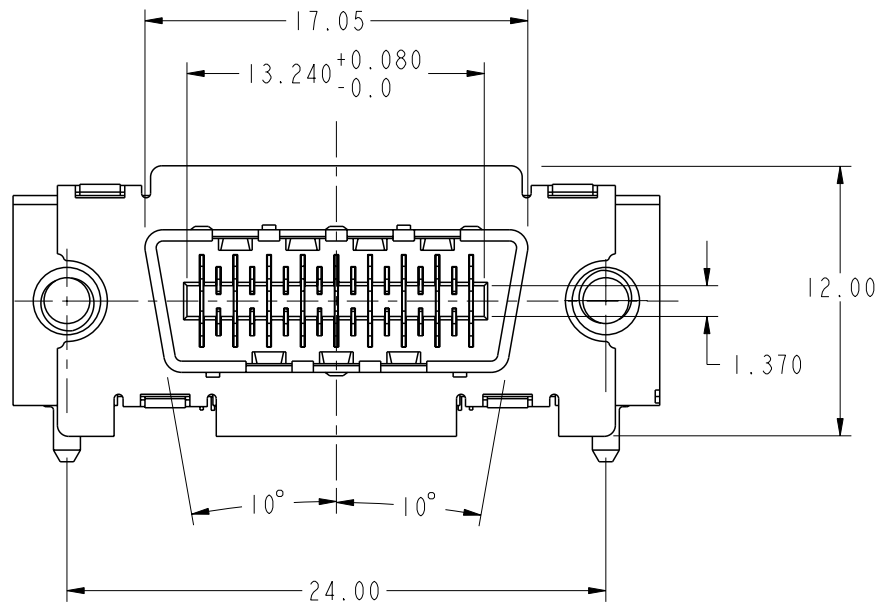




AVAILABLE WITH OR WITHOUT
EMI GASKET.
FOAM GASKET P/N 10019396-001 CAN
BE PURCHASED SEPARATELY.
METAL GASKET P/N 10043517 MUST BE
PURCHASED ALREADY ASSEMBLED.



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



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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 ASME Y14.5	tolerance std ASME Y14.5	projection ASME Y14.5	MM
		TOLERANCES UNLESS OTHERWISE SPECIFIED		size A4	Scale 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 4X R/A THUMBSCREW RECPT ASSEMBLY, w/ 7 KEY SLOTS		dwg no 10009629	Rev. K
		catalog no	CUSTOMER		sheet 1 of 9

REV F - 2006-04-17

PDM: Rev:K

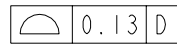
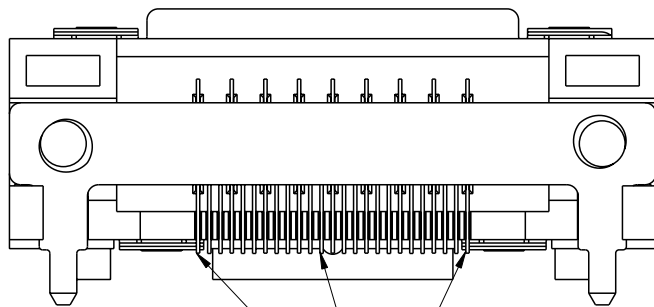
STATUS Released

Printed: Apr 02, 2008

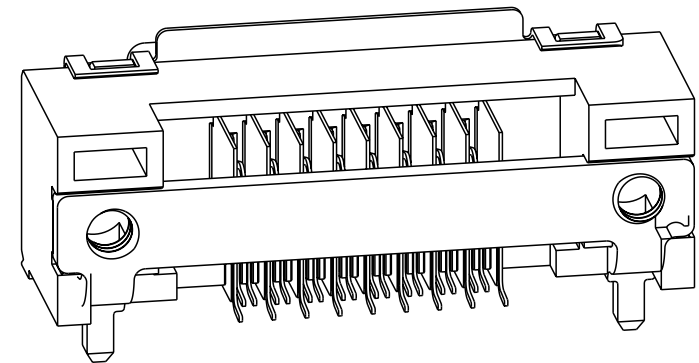
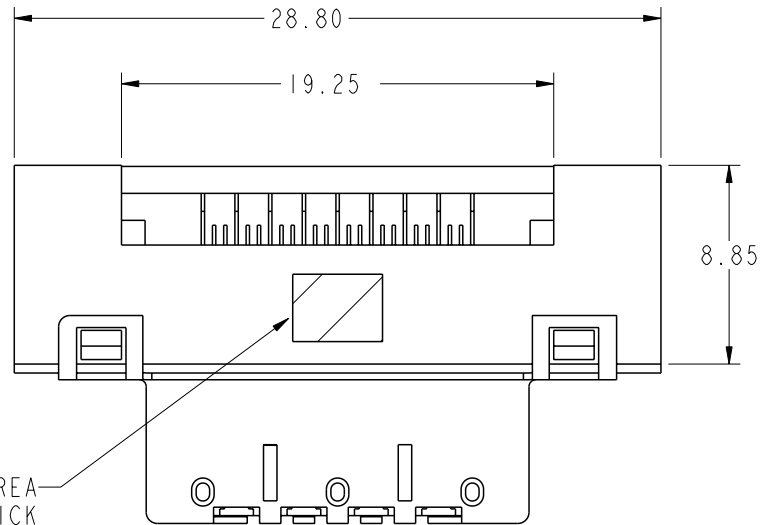


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CROSS HATCH AREA
IS FOR VACUUM PICK
& PLACE REF. ONLY



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 ASME Y14.5 ✓		tolerance std ASME Y14.5 -		projection 		MM 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	G. PETERS	2003/08/13	ANGULAR		LINEAR	0.X	±.30	size A4	Scale 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 4X R/A THUMBSCREW RECPT ASSEMBLY, w/ 7 KEY SLOTS			dwg no 10009629			Rev. K	
catalog no			-			CUSTOMER			sheet 2 of 9	



Copyright FCI.

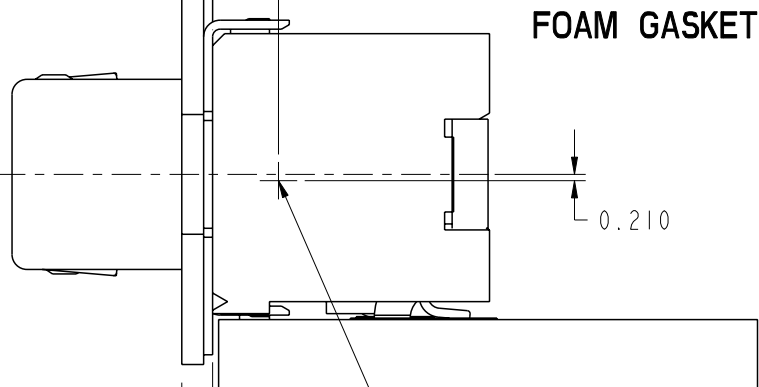
A

B

C

D

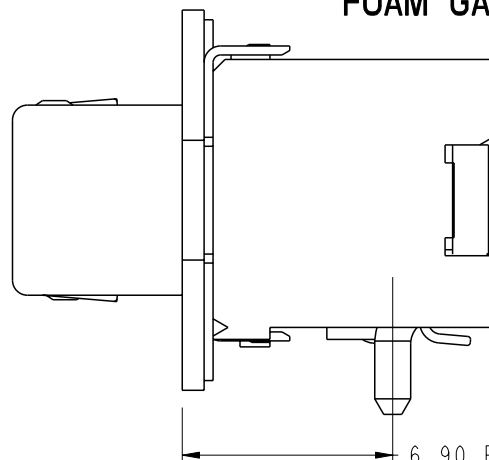
REV F - 2006-04-17



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



FOAM GASKET

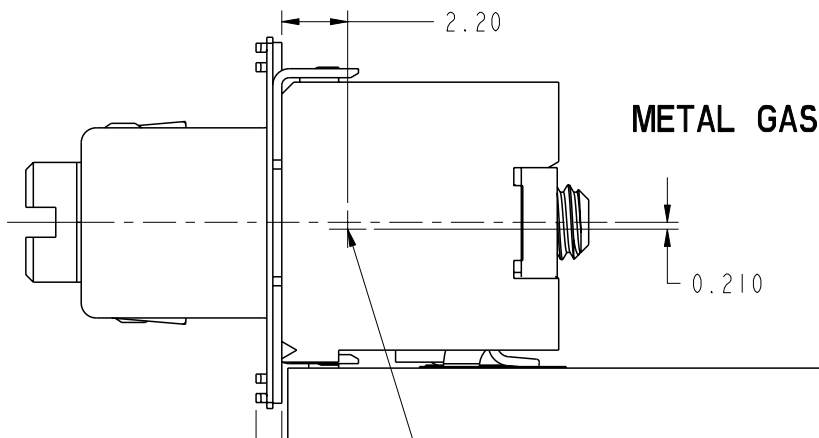
6.90 REF.
DISTANCE FROM CENTER OF GROUND PEG
TO INSIDE SURFACE OF BULKHEAD OR PCI BRACKET
GASKET COMPRESSED **BULKHEAD/BRACKET NOT SHOWN**

BULKHEAD/BRACKET NOT SHOWN

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

METAL GASKET

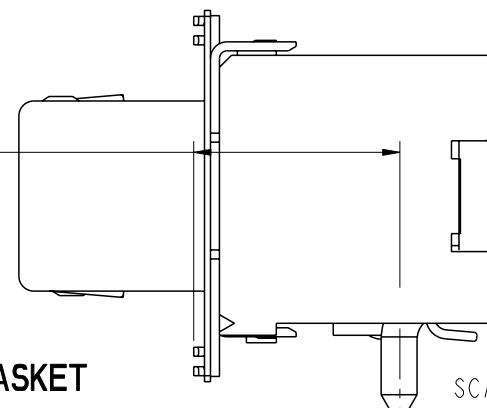
SCALE 4:1



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



www.fciconnect.com			surface 3.2 ASME Y14.5		tolerance std ASME Y14.5		projection 		MM 		
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	G. PETERS	2003/08/13	ANGULAR	LINEAR	0.X ±.3		size A4	Scale 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	0° ±2°		ECN 108-0048						
			Product family EyeMax (tm)					Spec ref		-	
			title 4X R/A THUMBSCREW RECPT ASSEMBLY, w/ 7 KEY SLOTS			dwg no 10009629			Rev K		
			catalog no			-			CUSTOMER		sheet 3 of 9



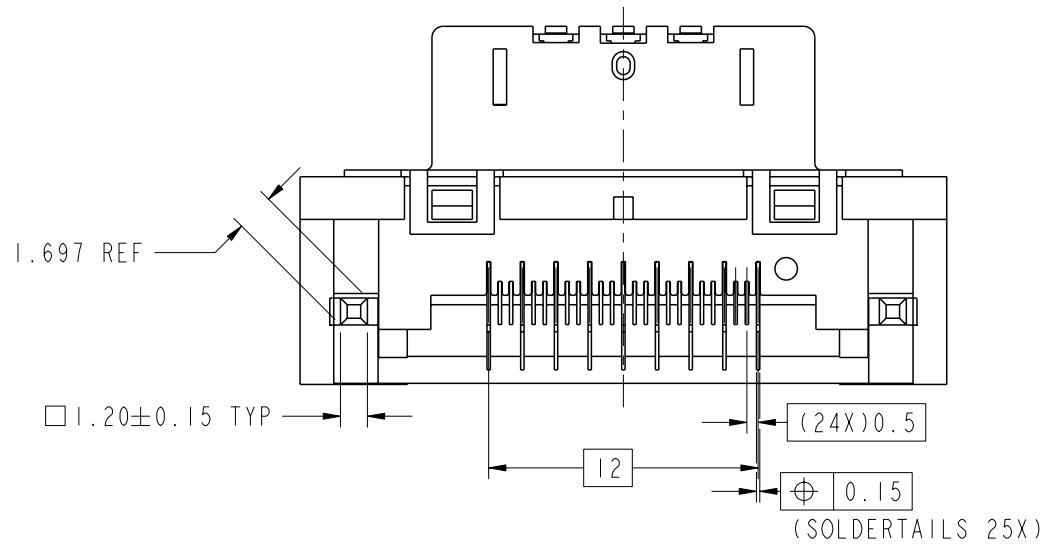
Copyright FCI.

A

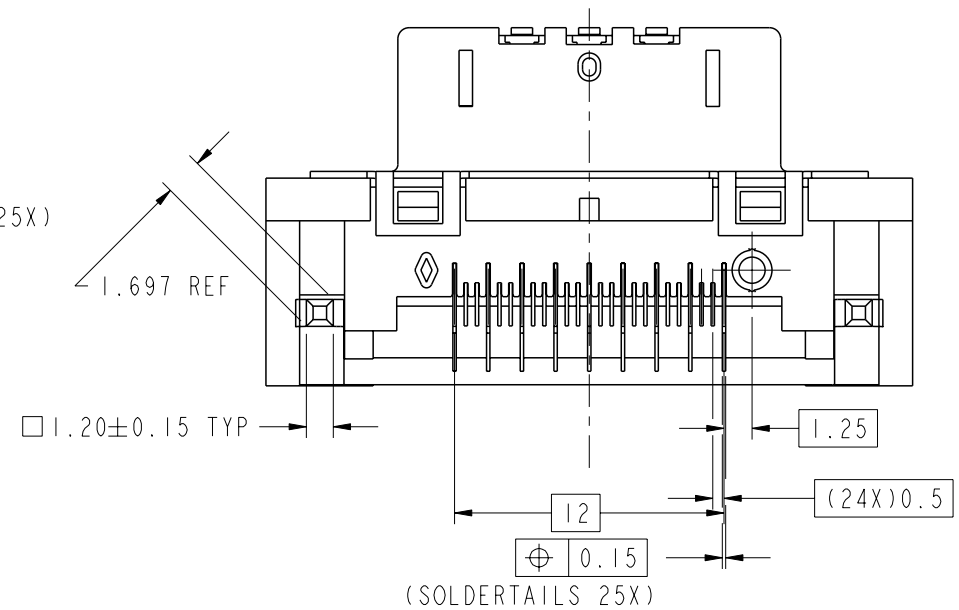
B

C

D



10009629-1XX0XX PRODUCT WITHOUT PEGS



10009629-1XX1XX PRODUCT WITH PEGS

www.fciconnect.com			surface 3.2 ASME Y14.5		tolerance std ASME Y14.5		projection 		MM 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	G. PETERS	2003/08/13	ANGULAR		LINEAR	0.X	±.3	size A4	Scale 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 4X R/A THUMBSCREW RECPT ASSEMBLY, w/ 7 KEY SLOTS			dwg no 10009629			Rev. K	
catalog no			-			CUSTOMER			sheet 4 of 9	

REV F - 2006-04-17

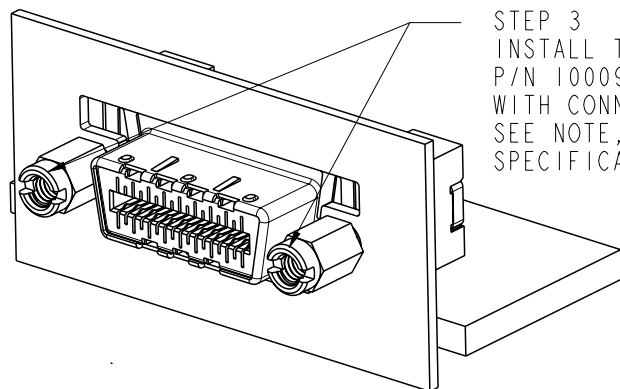
PDM: Rev:K

STATUS Released

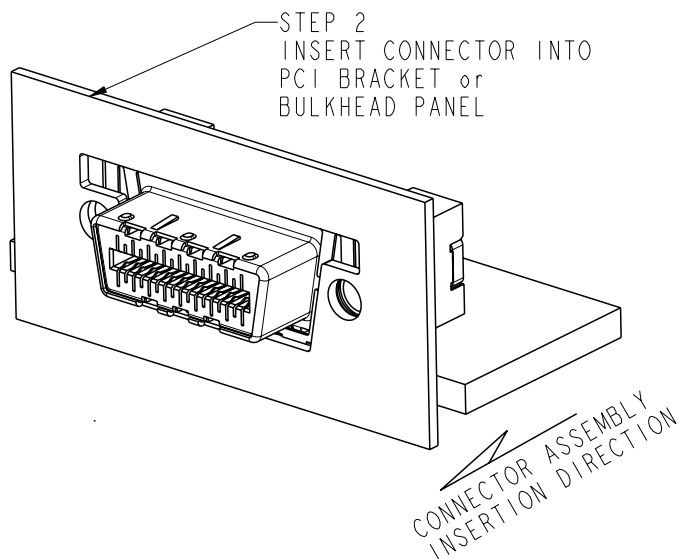
Printed: Apr 02, 2008



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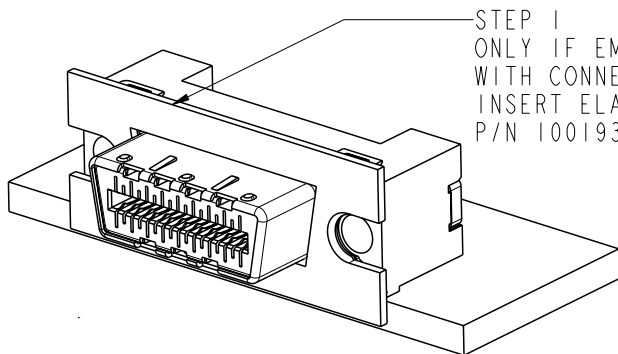


STEP 3
INSTALL THREADED STANDOFFS
P/N 10009634-001, NOT SUPPLIED
WITH CONNECTOR ASSEMBLY
SEE NOTE, SHEET 8, FOR TORQUE
SPECIFICATION.



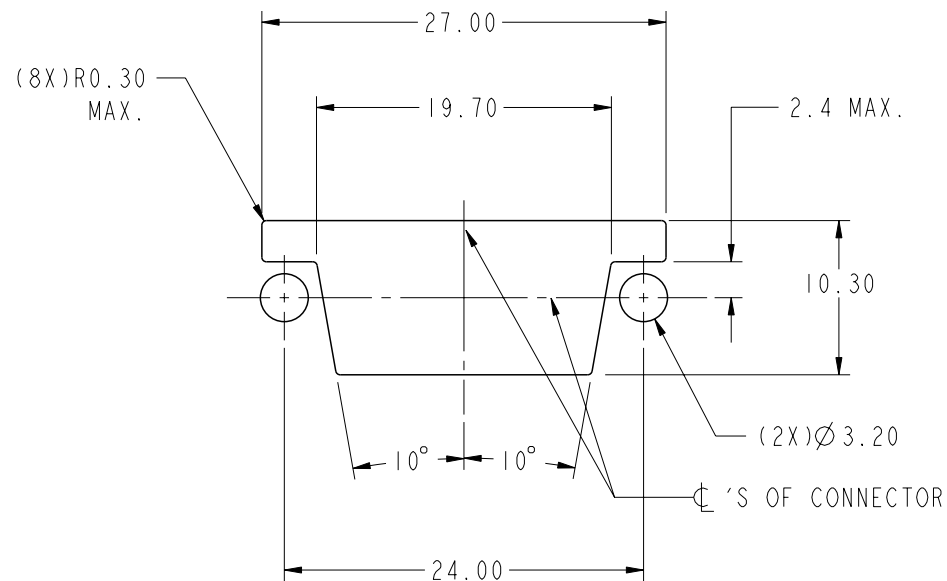
STEP 2
INSERT CONNECTOR INTO
PCI BRACKET or
BULKHEAD PANEL

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



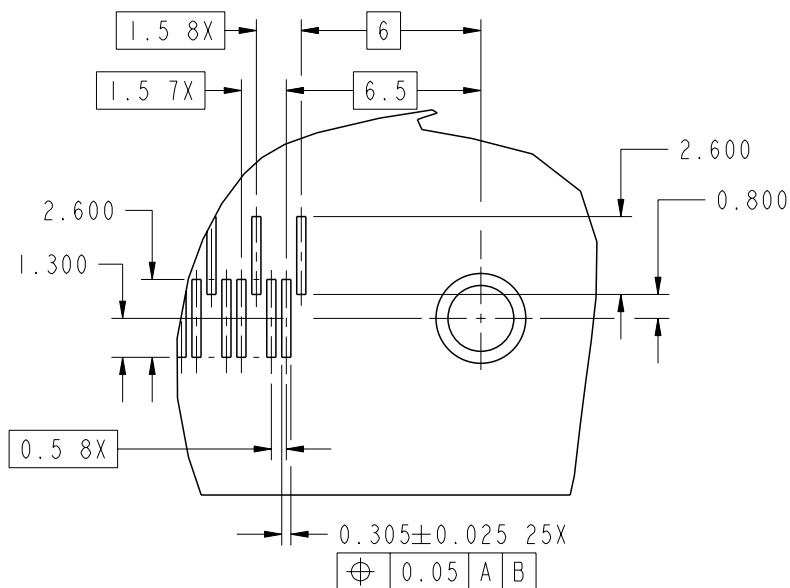
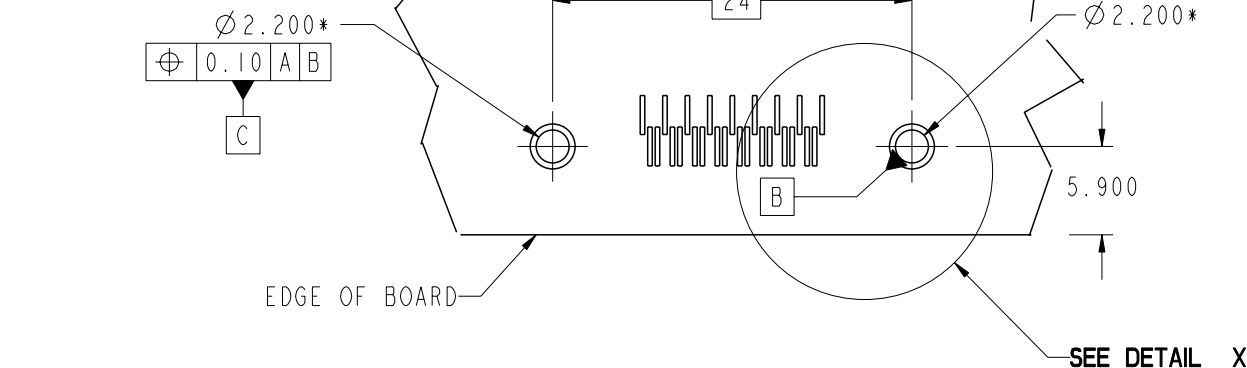
RECOMMENDED PANEL CUTOUT

www.fciconnect.com			surface 3.2 ASME Y14.5		tolerance std ASME Y14.5 -		projection 		MM 		
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	G. PETERS	2003/08/13	ANGULAR	LINEAR	0.X ±.30		size A4	Scale 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 4X R/A THUMBSCREW RECPT ASSEMBLY, w/ 7 KEY SLOTS			diag no 10009629			Rev K		
			catalog no -			CUSTOMER			sheet 5 of 9		

REV F - 2006-04-17



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DETAIL X
SCALE 4:1

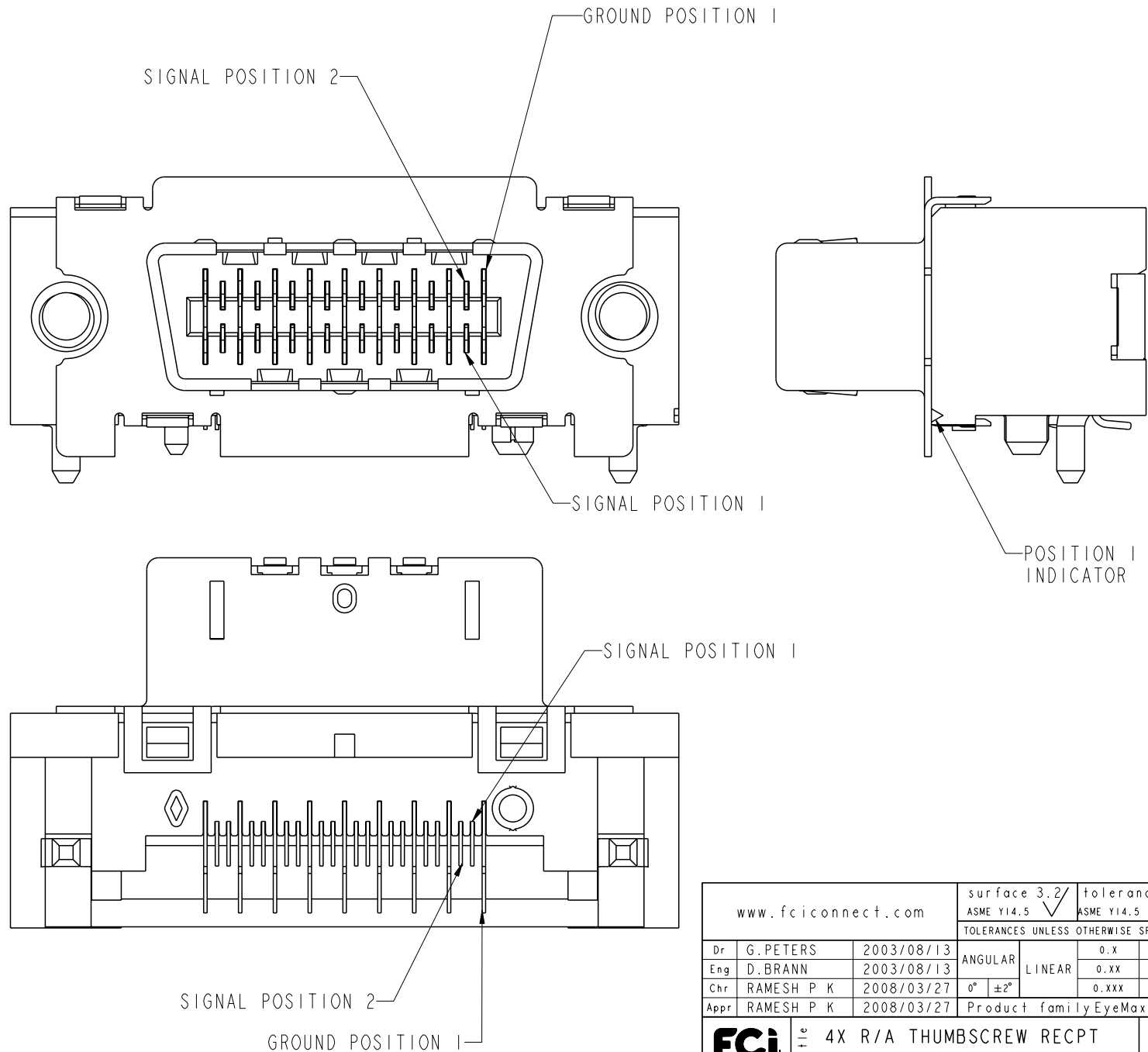
DATUM A IS SURFACE OF PCB

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 ASME Y14.5		tolerance std ASME Y14.5 -		projection 		MM 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	G. PETERS	2003/08/13	ANGULAR		LINEAR	0.X ±.30		size A4	Scale 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 4X R/A THUMBSCREW RECPT ASSEMBLY, w/ 7 KEY SLOTS			dwg no 10009629			Rev K	
catalog no			-			CUSTOMER			sheet 7 of 9	



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www.fciconnect.com			surface 3.2 ASME Y14.5 ✓		tolerance std ASME Y14.5 -		projection 		MM 		
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	G. PETERS	2003/08/13	ANGULAR		LINEAR	0.X	±.30	size A4	Scale 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 4X R/A THUMBSCREW RECPT ASSEMBLY, w/ 7 KEY SLOTS			dwg no 10009629			Rev. K		
catalog no											-

REV F - 2008-04-17

PDM: Rev:K

STATUS Released

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[®] 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°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 ASME Y14.5		tolerance std ASME Y14.5 -		projection 		MM 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	G. PETERS	2003/08/13	ANGULAR	LINEAR	0.X ±.30		size A4	Scale 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 4X R/A THUMBSCREW RECPT ASSEMBLY, w/ 7 KEY SLOTS			drg no 10009629			Rev K	
			catalog no -			CUSTOMER			sheet 9 of 9	