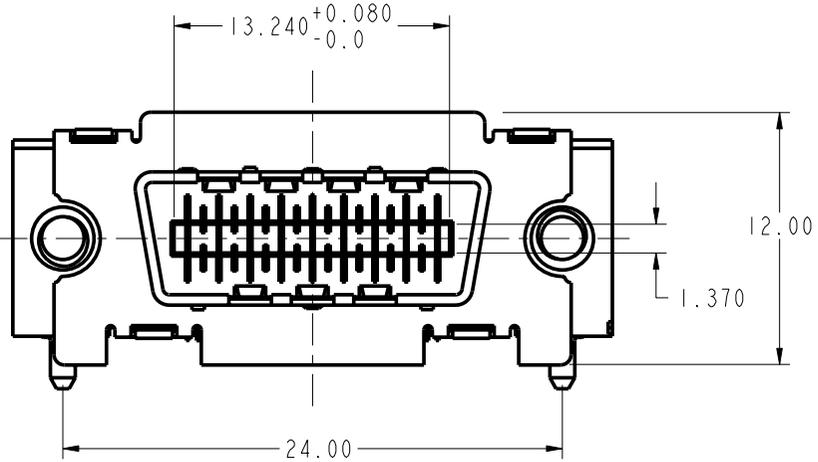
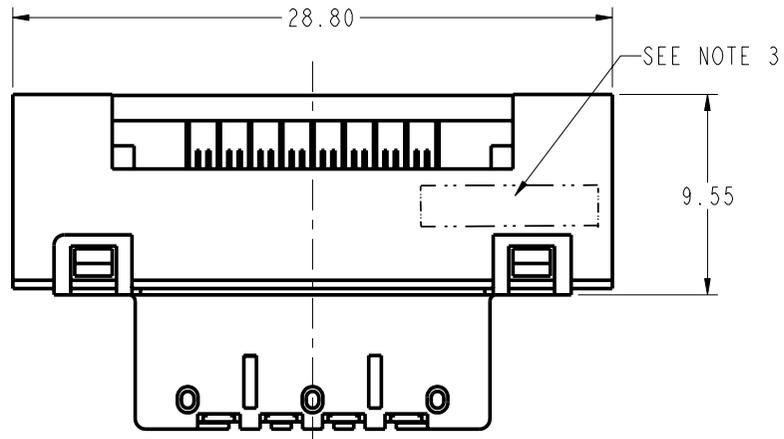
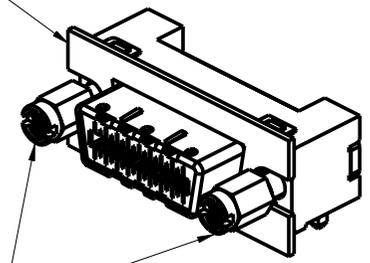




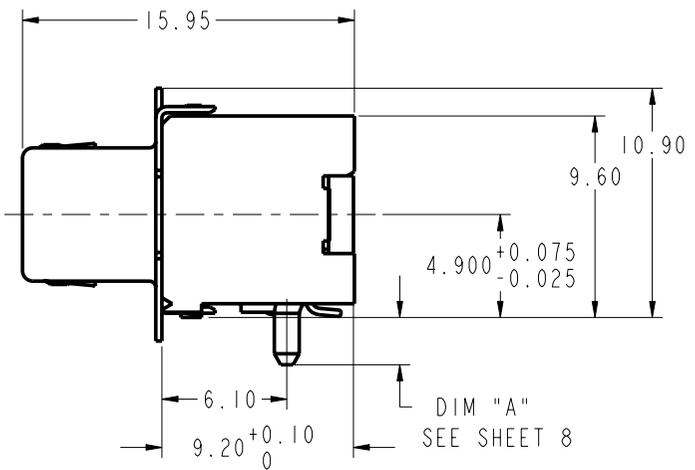
Copyright FCJ.



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



rev	ecn no	dr	date
H	05-0141	HVN	2005/08/12
C	V03-1232	DAI	2003/12/05
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
J	06-0123	HVN	2006/07/26

www.fciconnect.com		surface 3.2 ASME Y14.5	tolerance std ASME Y14.5	projection MM
TOLERANCES UNLESS OTHERWISE SPECIFIED:		0.x ±.30	0.xx ±.10	0.xxx ±.050
Dr	G.PETERS	2003/08/13	ANGULAR	LINEAR
Eng	D.BRANN	2003/08/13	0°	±2°
Chr	HIRAN V N	2006/07/26	Product family EyeMax (tm)	
Appr	HIRAN V N	2006/07/26	Spec ref	
title 4X R/A THUMBSCREW RECPT ASSEMBLY, w/ 7 KEY SLOTS			catalog no	10009629
customer			sheet 1 of 9	

REV F - 2006-04-17



C

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D

REV F - 2006-04-17

1 2 3 4

A

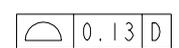
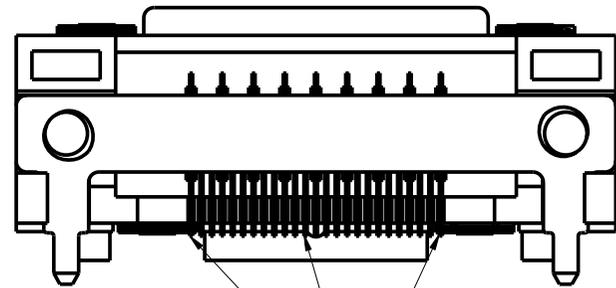
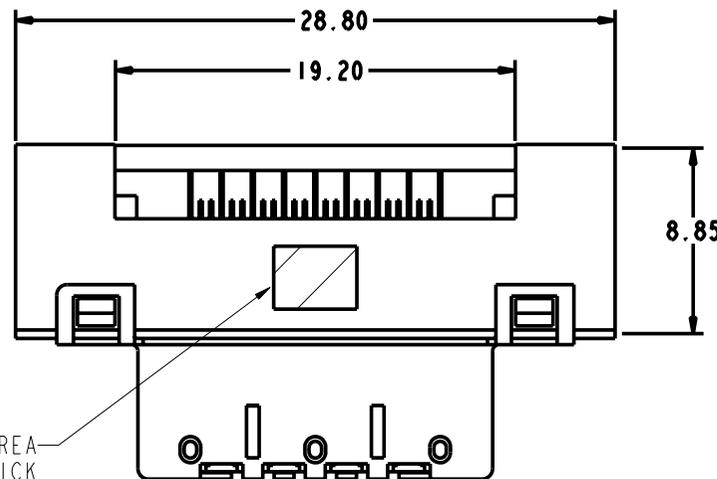
B

A

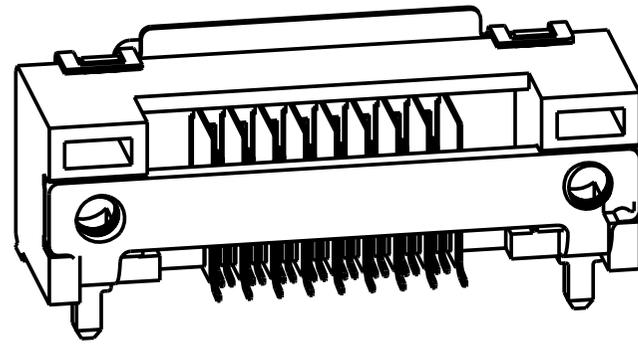
B

C

D



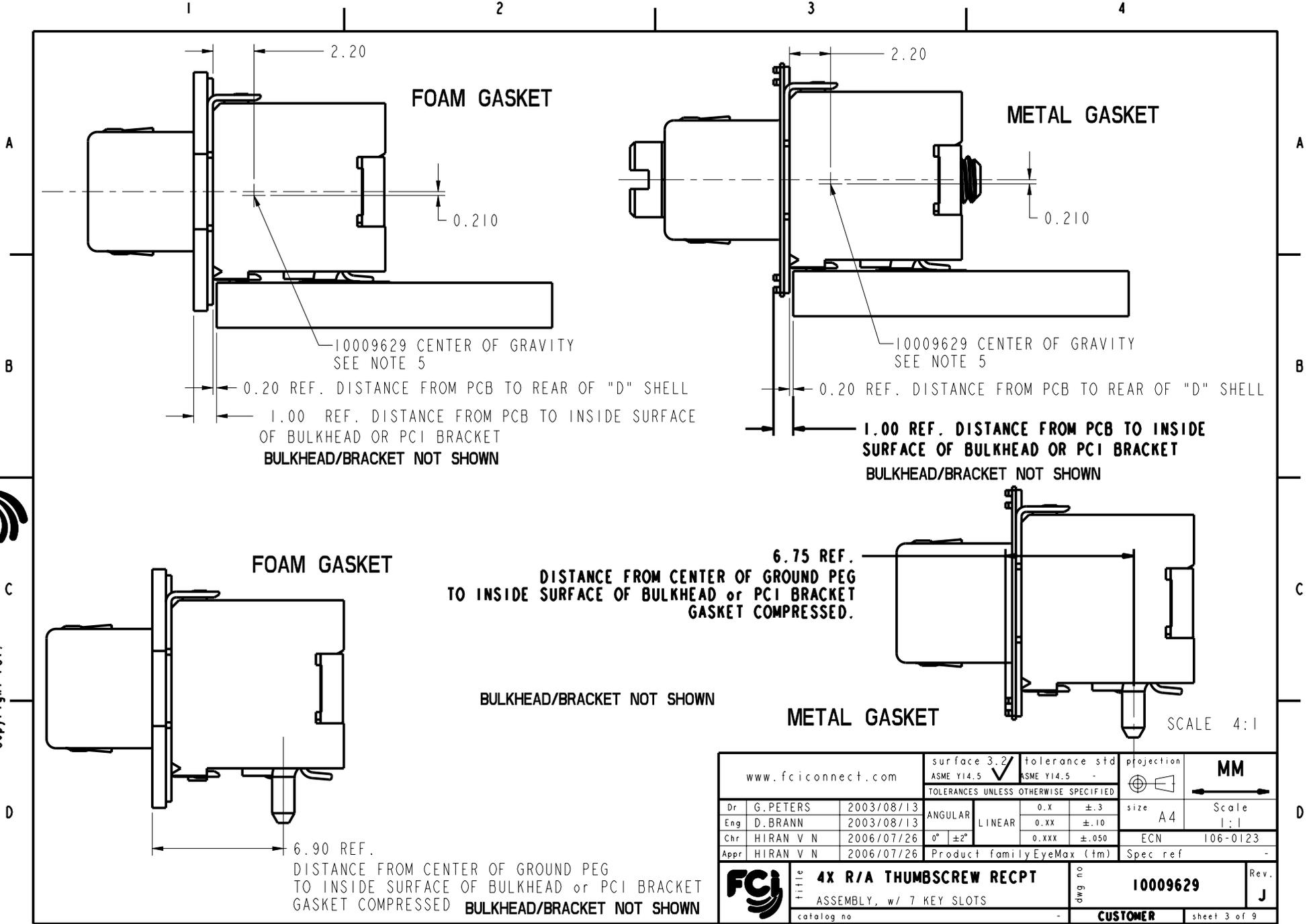
COPLANARITY MEASUREMENT TO BE TAKEN AT THE BOTTOM MOST POINT ON CONTACT TAILS
COPLANARITY ZONE IS BELOW DATUM D.



www.fciconnect.com			surface 3.2 ASME Y14.5	tolerance std ASME Y14.5	projection ASME Y14.5	MM	
			TOLERANCES UNLESS OTHERWISE SPECIFIED:		Scale		
Dr	G.PETERS	2003/08/13	ANGULAR	0.X	±.30	size	A4
Eng	D.BRANN	2003/08/13	LINEAR	0.XX	±.10	ECN	106-0123
Chr	HIRAN V N	2006/07/26	0° ±2°	0.XXX	±.050	Spec ref	-
Appr	HIRAN V N	2006/07/26	Product family EyeMax (tm)				
FCI			title 4X R/A THUMBSCREW RECPT		dwg no 10009629		Rev. J
			ASSEMBLY, w/ 7 KEY SLOTS		CUSTOMER		sheet 2 of 9
			catalog no				



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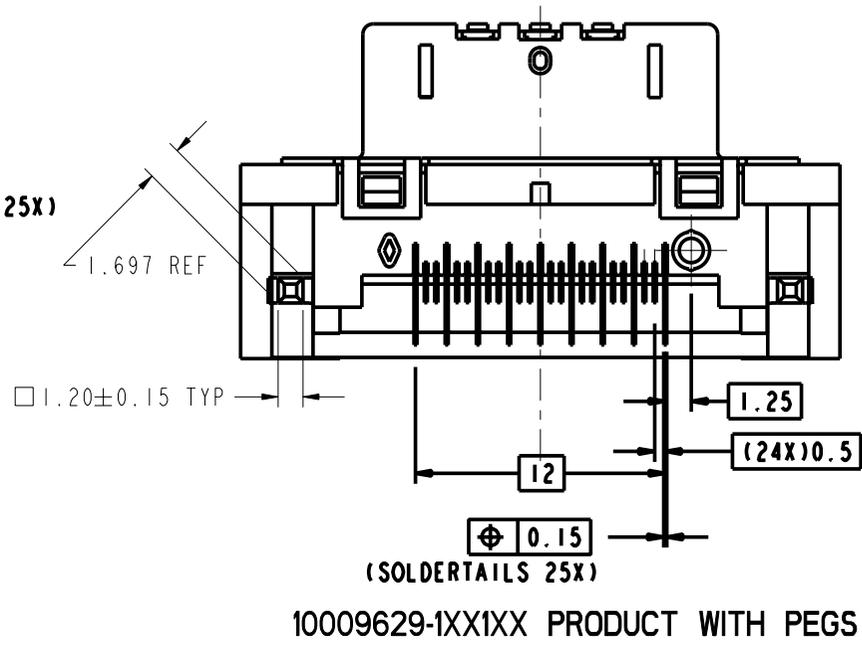
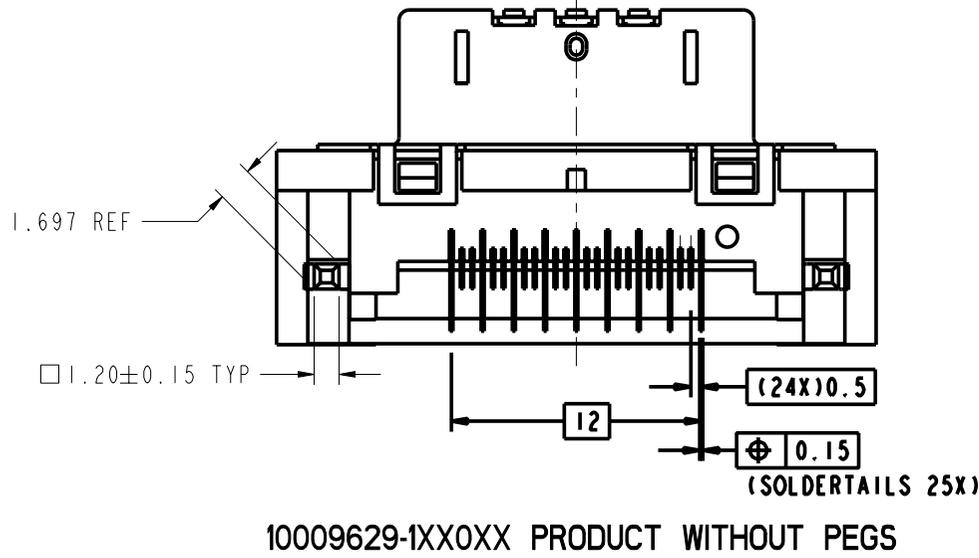


www.fciconnect.com			surface 3.2 ASME Y14.5	tolerance std ASME Y14.5	projection ASME Y14.5	MM	
			TOLERANCES UNLESS OTHERWISE SPECIFIED			Scale 1:1	
Dr	G.PETERS	2003/08/13	ANGULAR	0.X	±.3	size	A4
Eng	D.BRANN	2003/08/13	LINEAR	0.XX	±.10	ECN	106-0123
Chr	HIRAN V N	2006/07/26	0° ±2°	0.XXX	±.050	Spec ref	-
Appr	HIRAN V N	2006/07/26	Product familyEyeMax (tm)				
FCI			title 4X R/A THUMBSCREW RECPT ASSEMBLY, w/ 7 KEY SLOTS		dwg no 10009629		Rev. J
catalog no			CUSTOMER		sheet 3 of 9		

REV F - 2000-04-17

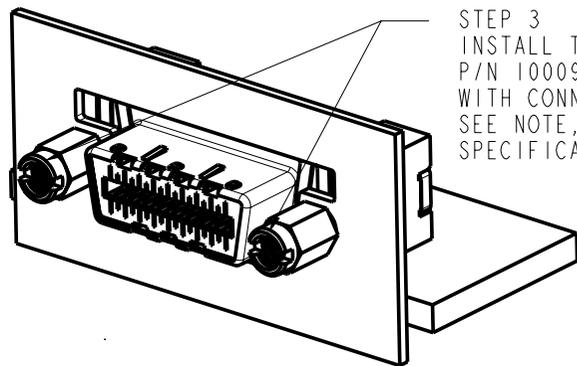


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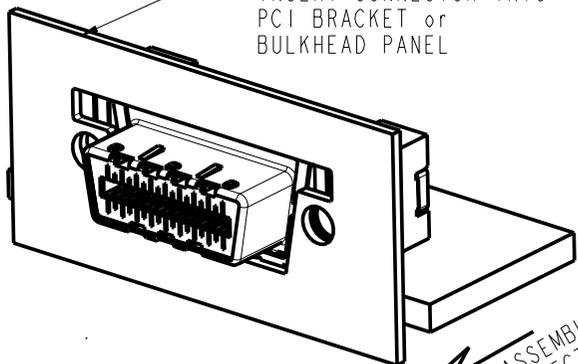


www.fciconnect.com			surface 3.2 ASME Y14.5	tolerance std ASME Y14.5	projection MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED:		⊕
Dr	G.PETERS	2003/08/13	ANGULAR	0.x ±.3	size A4
Eng	D.BRANN	2003/08/13	LINEAR	0.xx ±.10	Scale 3:1
Chr	HIRAN V N	2006/07/26	0° ±2°	0.xxx ±.050	ECN 106-0123
Appr	HIRAN V N	2006/07/26	Product family	EyeMax (tm)	Spec ref -
			4X R/A THUMBSCREW RECPT ASSEMBLY, w/ 7 KEY SLOTS		Rev. J
catalog no			-		sheet 4 of 9
			CUSTOMER		

REV F - 2000-04-17

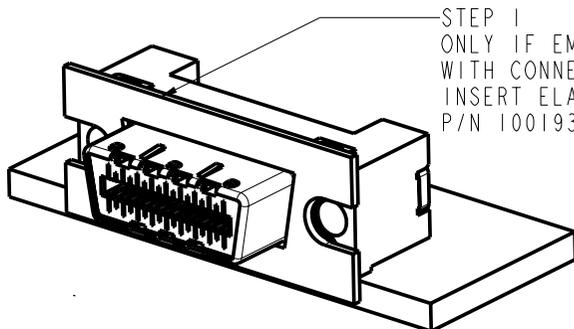


STEP 3
INSTALL THREADED STANDOFFS
P/N 10009634-001, NOT SUPPLIED
WITH CONNECTOR ASSEMBLY
SEE NOTE, SHEET 8, FOR TORQUE
SPECIFICATION.



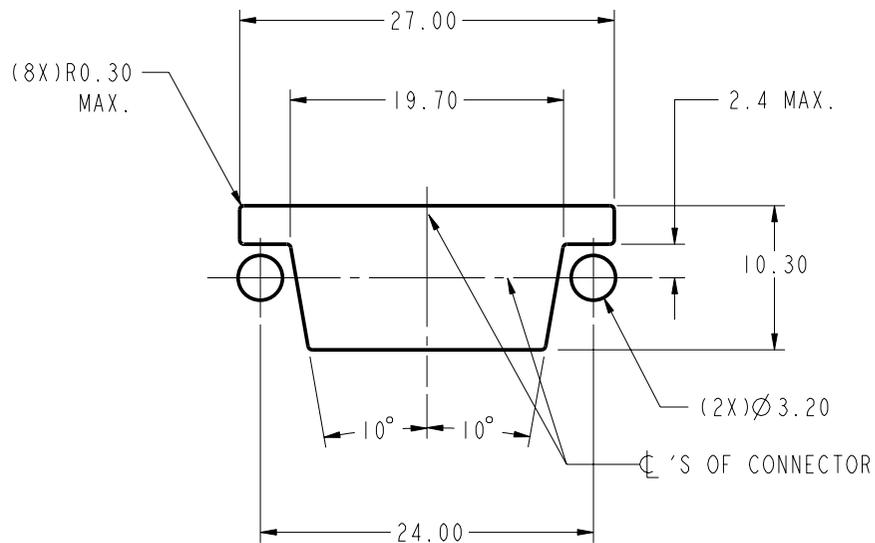
STEP 2
INSERT CONNECTOR INTO
PCI BRACKET or
BULKHEAD PANEL

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

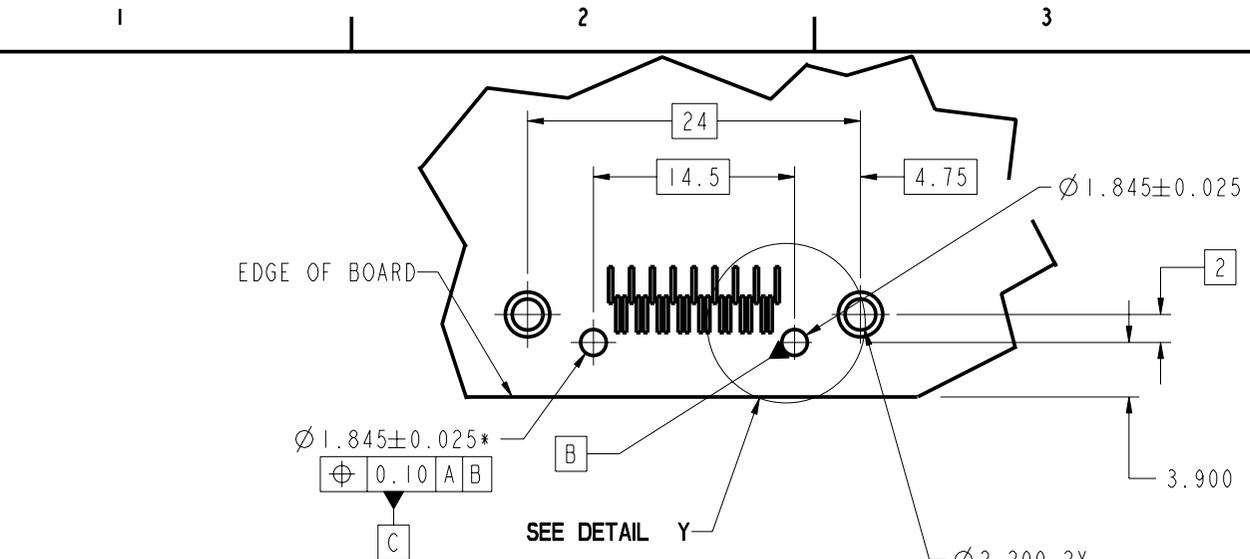


Copyright FCI.

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	0.x	±.30	size	A4
Eng	D. BRANN	2003/08/13	LINEAR	0.xx	±.10	Scale	1:1
Chr	HIRAN V N	2006/07/26	0° ±2°	0.xxx	±.050	ECN	106-0123
Appr	HIRAN V N	2006/07/26	Product family	EyeMax (tm)	Spec ref	-	
			4X R/A THUMBSCREW RECPT ASSEMBLY, w/ 7 KEY SLOTS			title 10009629 Rev. J	
catalog no			-			CUSTOMER sheet 5 of 9	

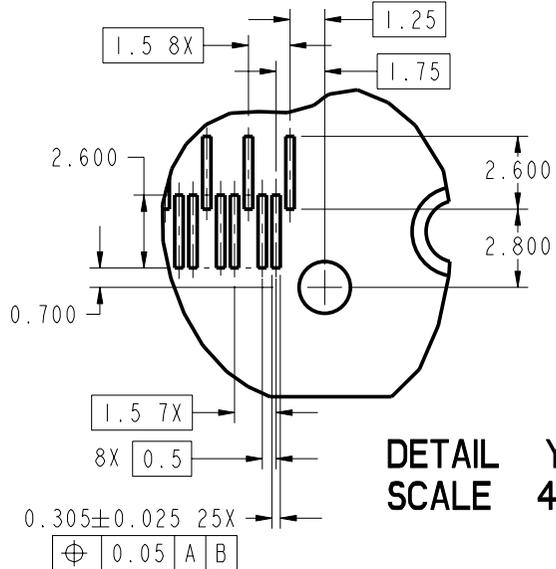


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DATUM A IS SURFACE OF PCB

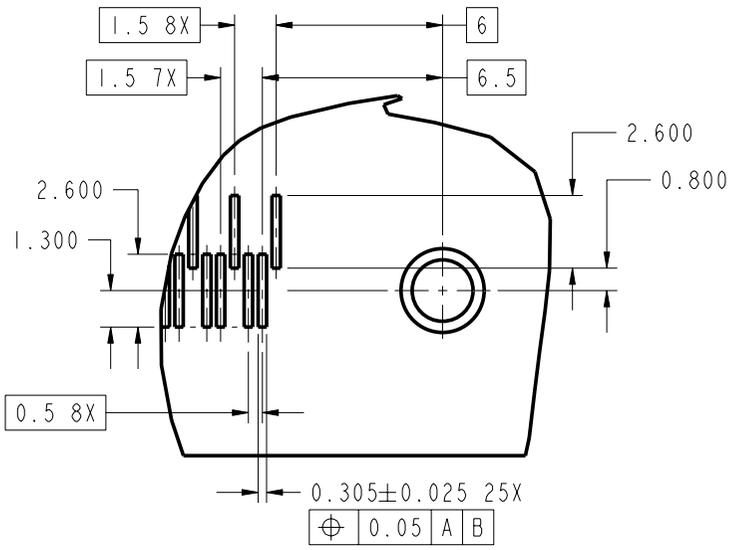
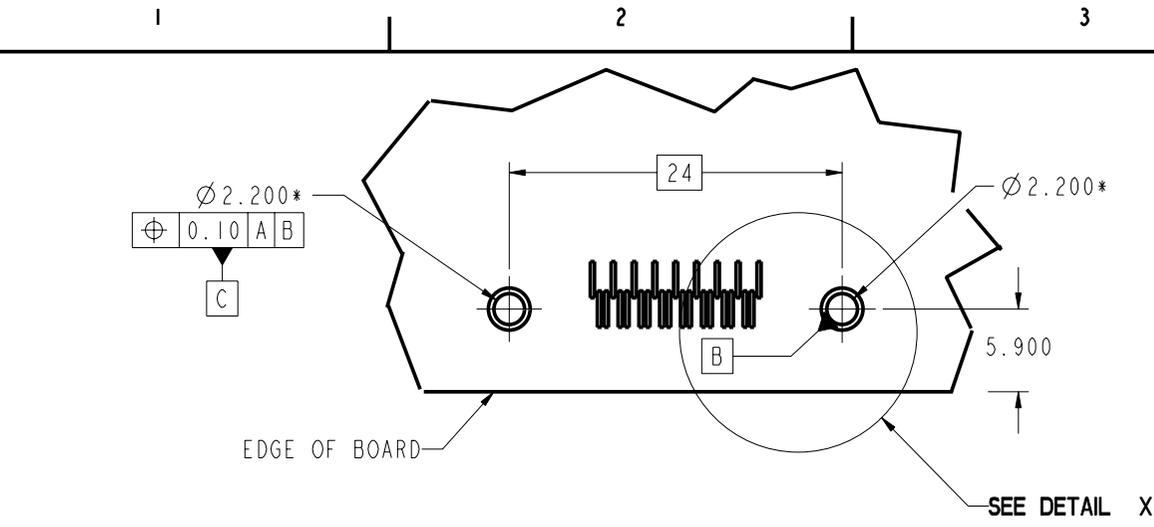
RECOMMENDED PCB LAYOUT, COMPONENT SIDE FOR USE WITH CRUSH/DIAMOND PEGS (10009629-1XXIXX) SEE NEXT PAGE FOR RECOMMENDED PCB LAYOUT FOR RECEPTACLE ASSEMBLIES WITHOUT CRUSH/DIAMOND PEGS. *RECEPTACLE CAN ALSO BE PLACED WITH 1.82±0.05/-0.0 BY 2.6±0.05 SLOT AT THIS LOCATION ON THE PCB



www.fciconnect.com			surface 3.2 ASME Y14.5 ✓	tolerance std ASME Y14.5 -	projection ⊕	MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED:		Scale 1:1	
Dr	G. PETERS	2003/08/13	ANGULAR	0.X	±.30	size A4
Eng	D. BRANN	2003/08/13	LINEAR	0.XX	±.10	Scale 1:1
Chr	HIRAN V N	2006/07/26	0° ±2°	0.XXX	±.050	ECN 106-0123
Appr	HIRAN V N	2006/07/26	Product family	EyeMax (tm)	Spec ref	-
FCI			title 4X R/A THUMBSCREW RECPT		Rev. J	
			ASSEMBLY, w/ 7 KEY SLOTS		10009629	
			catalog no		CUSTOMER sheet 6 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

REV F - 2006-04-17

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 1:1		
Dr	G. PETERS	2003/08/13	ANGULAR	0.X	±.30	ECN 106-0123	
Eng	D. BRANN	2003/08/13	LINEAR	0.XX	±.10	Spec ref -	
Chr	HIRAN V N	2006/07/26	0° ±2°	0.XXX	±.050	-	
Appr	HIRAN V N	2006/07/26	Product family EyeMax (tm)		-		
FCI			4X R/A THUMBSCREW RECP		10009629		Rev. J
catalog no			-		CUSTOMER		sheet 7 of 9

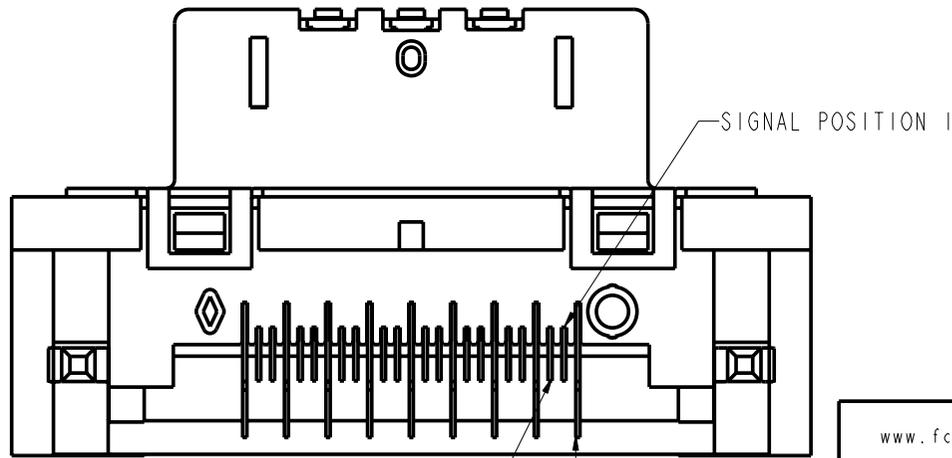
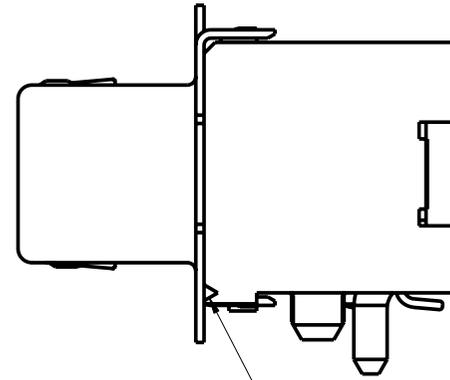
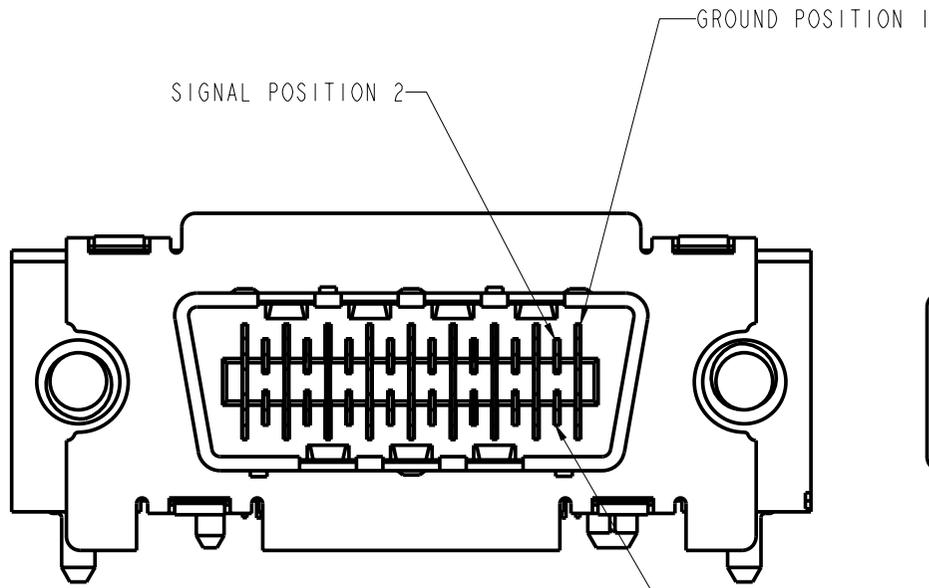
PDM: Rev:J

STATUS: Released

Printed: Aug 23, 2006



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www.fciconnect.com			surface 3.2 ASME Y14.5	tolerance std ASME Y14.5	projection ASME Y14.5	MM
TOLERANCES UNLESS OTHERWISE SPECIFIED:			0.x	±.30	size	Scale
Dr	G.PETERS	2003/08/13	ANGULAR	LINEAR	A4	1:1
Eng	D.BRANN	2003/08/13	0°	±2°	ECN	106-0123
Chr	HIRAN V N	2006/07/26	0°	±2°	Product family	EyeMax (tm)
Appr	HIRAN V N	2006/07/26	Product family		EyeMax (tm)	Spec ref
FCI			title		Rev.	
			4X R/A THUMBSCREW RECPT		J	
			ASSEMBLY, w/ 7 KEY SLOTS		10009629	
			catalog no		CUSTOMER	
					sheet 8 of 9	

REV F - 2006-04-17

PDM: Rev:J

STATUS: Released

Printed: Aug 23, 2006

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-0 LCP RESIN.
SIGNAL PIN MATERIAL: COPPER ALLOY.
GROUND CONTACT MATERIAL: COPPER ALLOY.
2. PLATING: LEAD FREE SOLDER TAILS 2 μ m (80 μ in) MIN MATTE TIN OVER 1.27 μ m (50 μ 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 (R) 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	size A4
Eng	D.BRANN	2003/08/13	LINEAR	Scale 1:1
Chr	HIRAN V N	2006/07/26	0° ±2°	ECN 106-0123
Appr	HIRAN V N	2006/07/26	Product family EyeMax (tm)	Spec ref -
		title 4X R/A THUMBSCREW RECPT		Rev. J
		ASSEMBLY, w/ 7 KEY SLOTS		10009629
catalog no		CUSTOMER		sheet 9 of 9



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