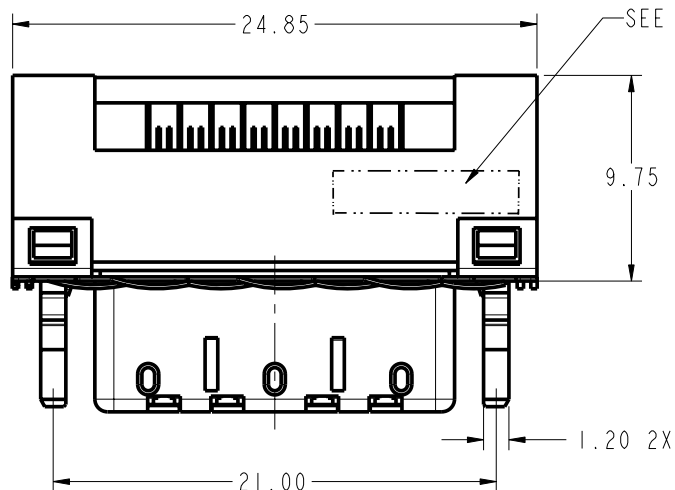
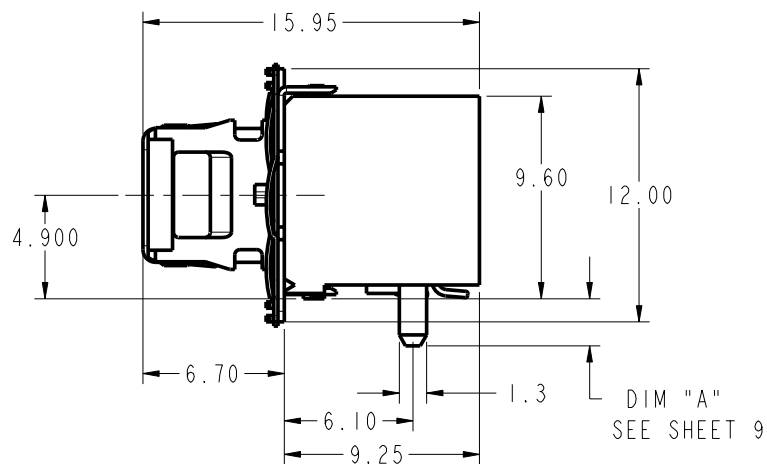
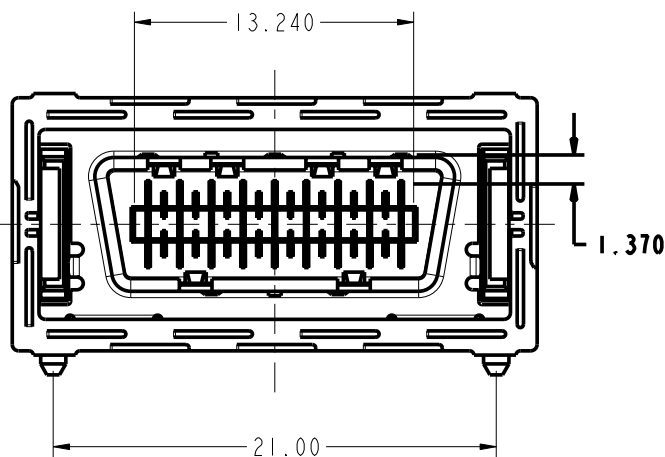
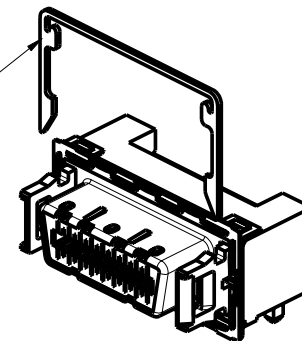


PRODUCT NUMBER
58368-11XXXX



LOCK PLATE SOLD SEPARATELY
SEE SHEET 8



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rev	ecn no	dr	date
D	V21720	GIP	2002-11-04
E	V21864	GIP	2002-12-12
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

www.fciconnect.com			surface ASME Y14.5		tolerance std ASME Y14.5		projection 		 MM		
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	R. DRAGGOO	2002-01-07	ANGULAR	LINEAR	0.X		±.30		size A4	Scale 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		106-0123	
								Spec ref			
			title 4X R.A. RECEPT. ASS'Y				dwg no 58368		Rev K		
			w/o MOUNTING TABS								
			catalog no				CUSTOMER		sheet 1 of 9		

REV F - 2006-04-17

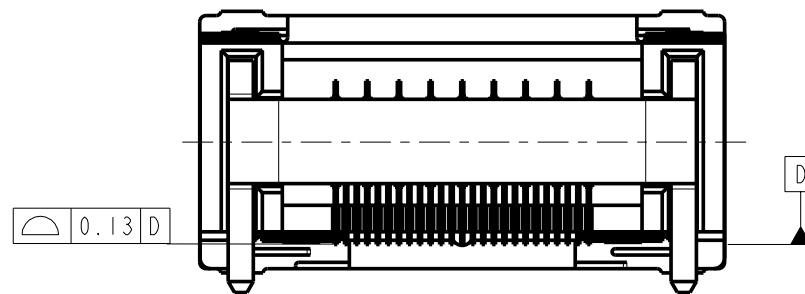
PDM: Rev:K

STATUS: Released

Printed: Jan 28, 2008

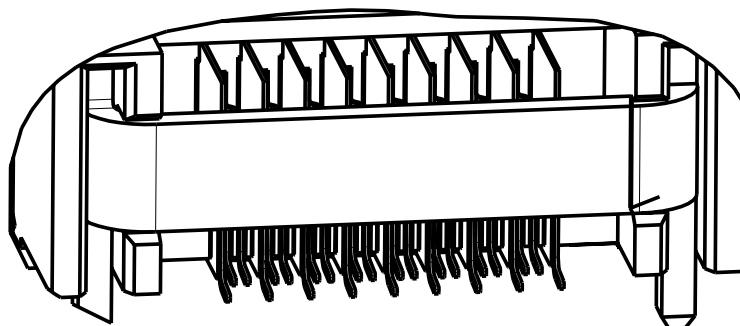


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COPLANARITY MEASUREMENT TO BE TAKEN
AT BOTTOM MOST POINT OF CONTACT TAILS

COPLANARITY ZONE IS BELOW DATUM D

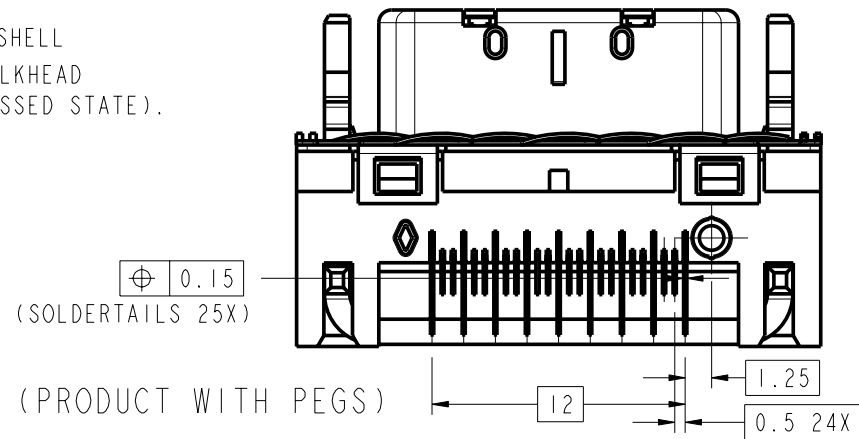
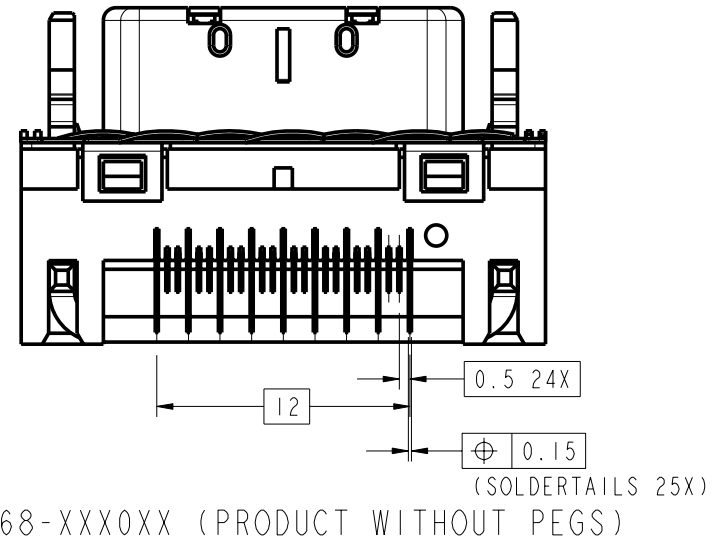
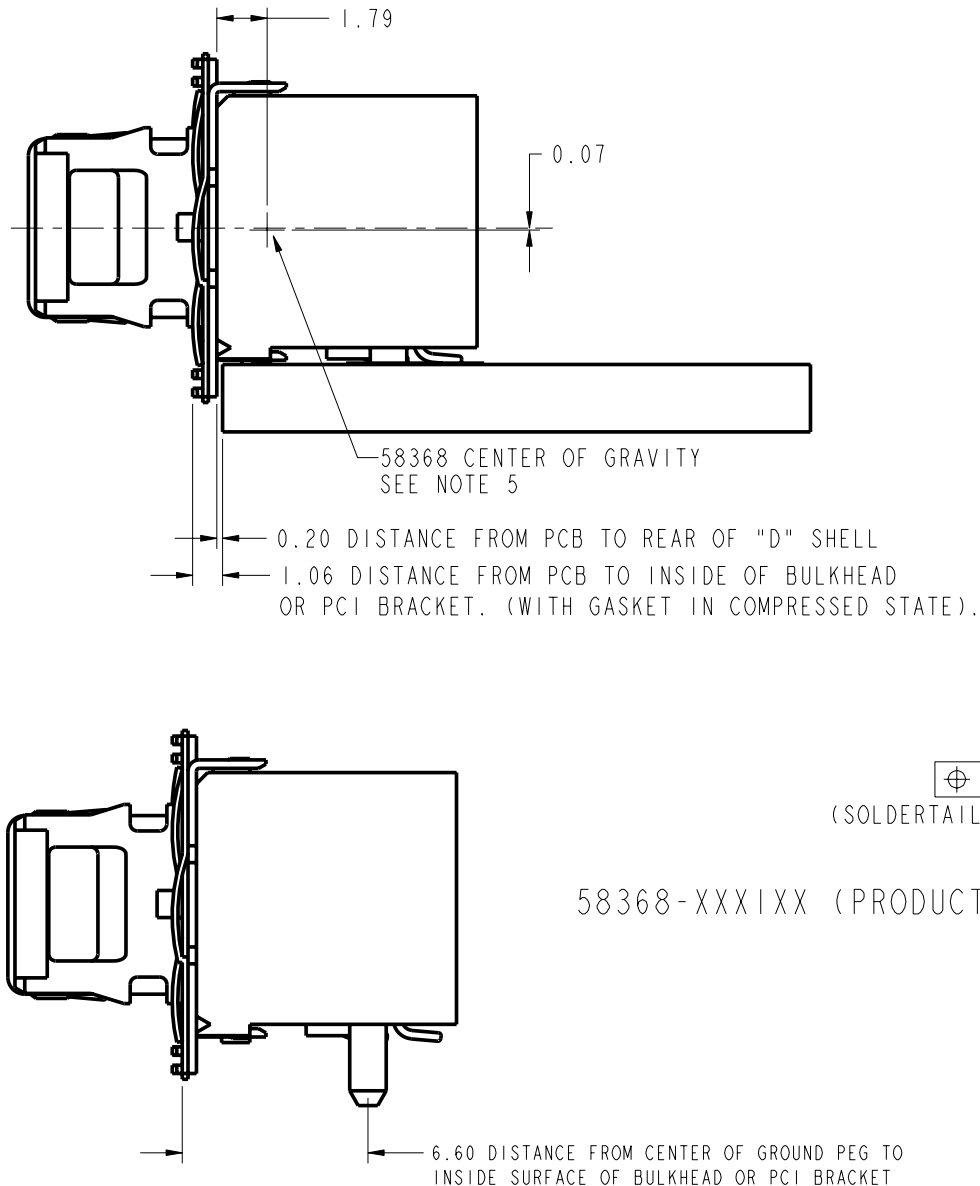


SCALE 4:1

www.fciconnect.com			surface ASME Y14.5 ☒		tolerance std ASME Y14.5 -		projection 		MM 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED				size A4		Scale 1:1	
Dr	R. DRAGGOW	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°	±2°	0.XXX	±.050	ECN		106-0123	
Appr	HIRAN V N	2006-07-26	Product family InfiniBand				Spec ref -			
			title 4X R.A. RECEPT. ASS'Y w/o MOUNTING TABS				dwg no 58368		Rev. K	
			catalog no				CUSTOMER		sheet 2 of 9	



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www.fciconnect.com			surface ASME Y14.5	✓	tolerance std ASME Y14.5	-	projection A4	MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED				size	Scale
Dr	R. DRAGGOW	2002-01-07	ANGULAR		0.X	±.30		1:1
Eng	S. OLSON	2001-09-11	LINEAR		0.XX	±.10		
Chr	HIRAN V N	2006-07-26	0° ±2°		0.XXX	±.050	ECN	106-0123
Appr	HIRAN V N	2006-07-26	Product family InfiniBand				Spec ref	-
FCI			4X R.A. RECEPT. ASS'Y w/o MOUNTING TABS			dwg no	58368	Rev. K
catalog no			CUSTOMER			sheet 3 of 9		

REV F - 2006-04-17

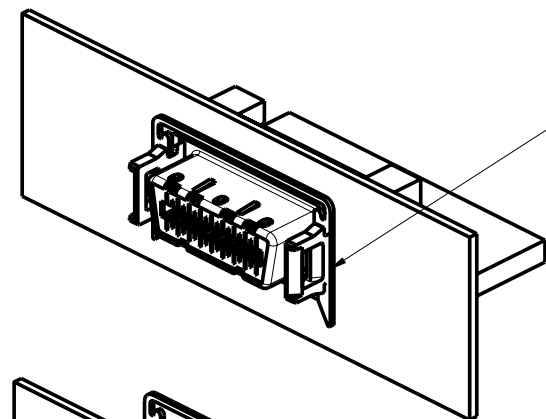
PDM: Rev:K

STATUS:Released

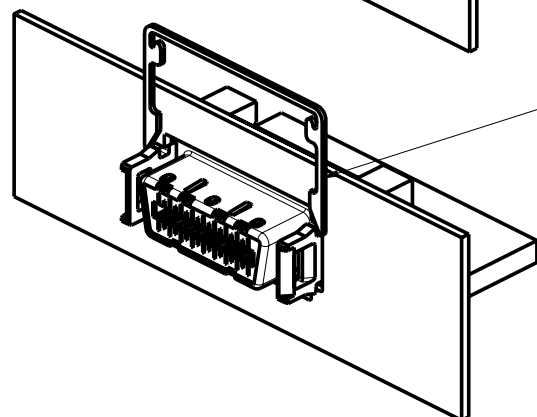
Printed: Jan 28, 2008



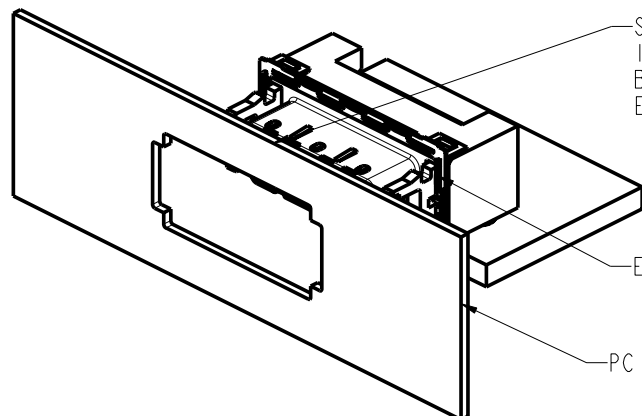
Copyright FCI.



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



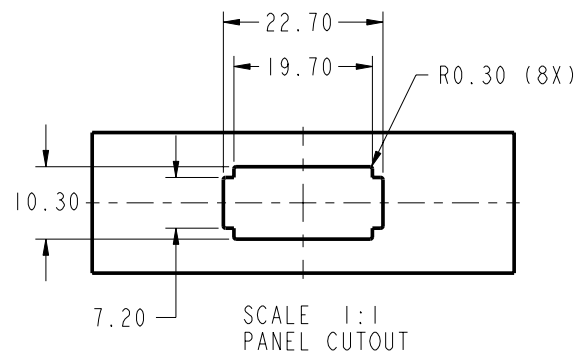
STEP 2
PLACE LOCK PLATE(58378) AGAINST
PCI BRACKET/PANEL SEE SHT. 9
FOR OPTIONS, PANEL THICKNESS.



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 ASME Y14.5	✓	tolerance std ASME Y14.5	-	projection size A4	MM Scale 1:1
			TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	R. DRAGGOO	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° ±2°		0.XXX	±.050	ECN	106-0123
Appr	HIRAN V N	2006-07-26	Product family InfiniBand				Spec ref	-
FCI			title 4X R.A. RECEPT. ASS'Y			dwg no 58368	Rev. K	
			w/o MOUNTING TABS			CUSTOMER	sheet 4 of 9	
			catalog no					

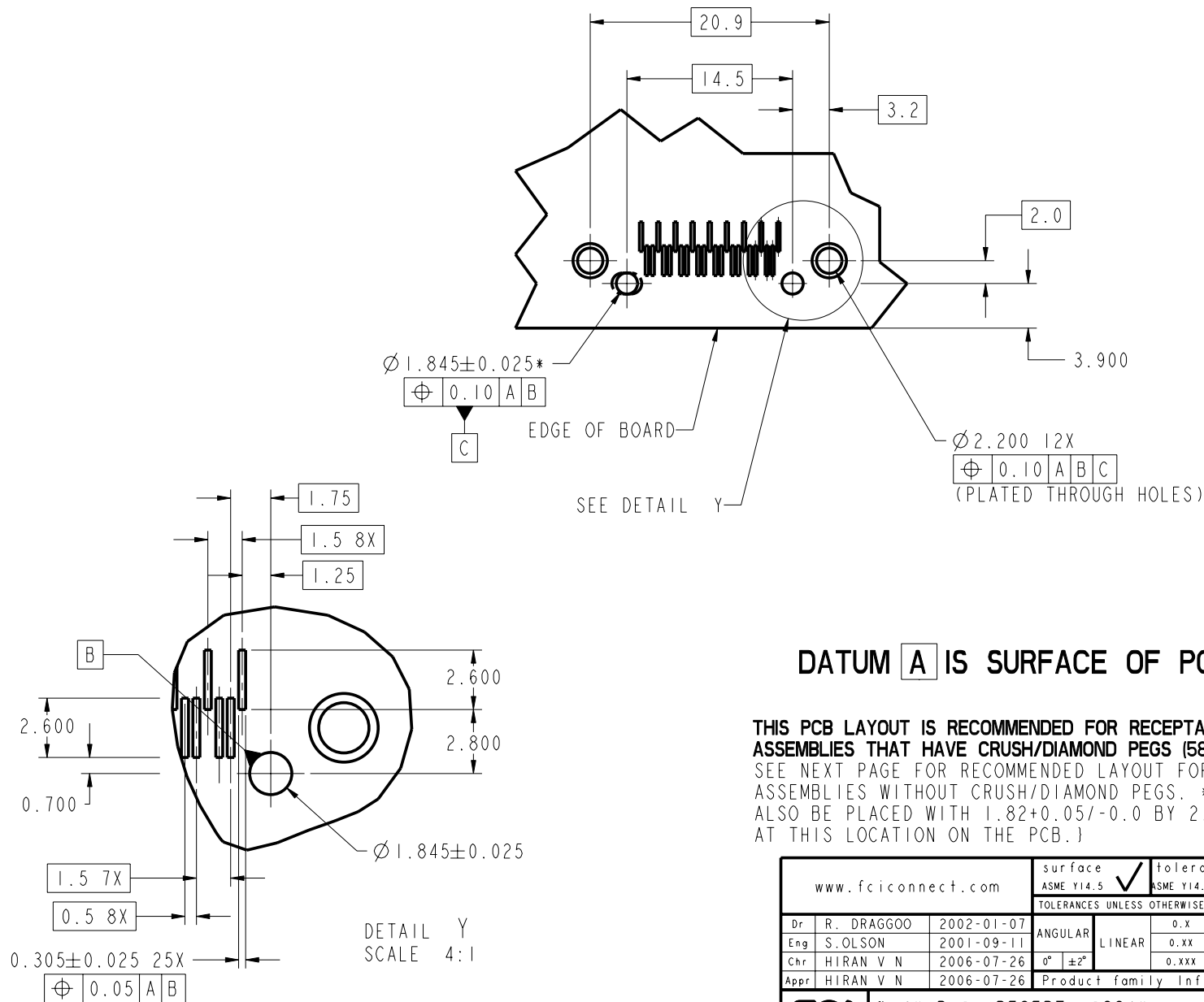
PDM: Rev:K

STATUS:Released

Printed: Jan 28, 2008



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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 $1.82 \pm 0.05/-0.0$ BY 2.6 ± 0.05 SLOT AT THIS LOCATION ON THE PCB.)

www.fciconnect.com			surface ASME Y14.5	tolerance std ASME Y14.5	projection A4	MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED			Scale 2:1
Dr	R. DRAGGOO	2002-01-07	ANGULAR	0.X ±.30	size	ECN
Eng	S. OLSON	2001-09-11	LINEAR	0.XX ±.10	A4	106-0123
Chr	HIRAN V N	2006-07-26	0° ±2°	0.XXX ±.050		
Appr	HIRAN V N	2006-07-26	Product family InfiniBand			Spec ref
FCI			4X R.A. RECEPT. ASS'Y			Rev.
w/o MOUNTING TABS			58368			K
catalog no			CUSTOMER			sheet 5 of 9

REV F - 2006-04-17

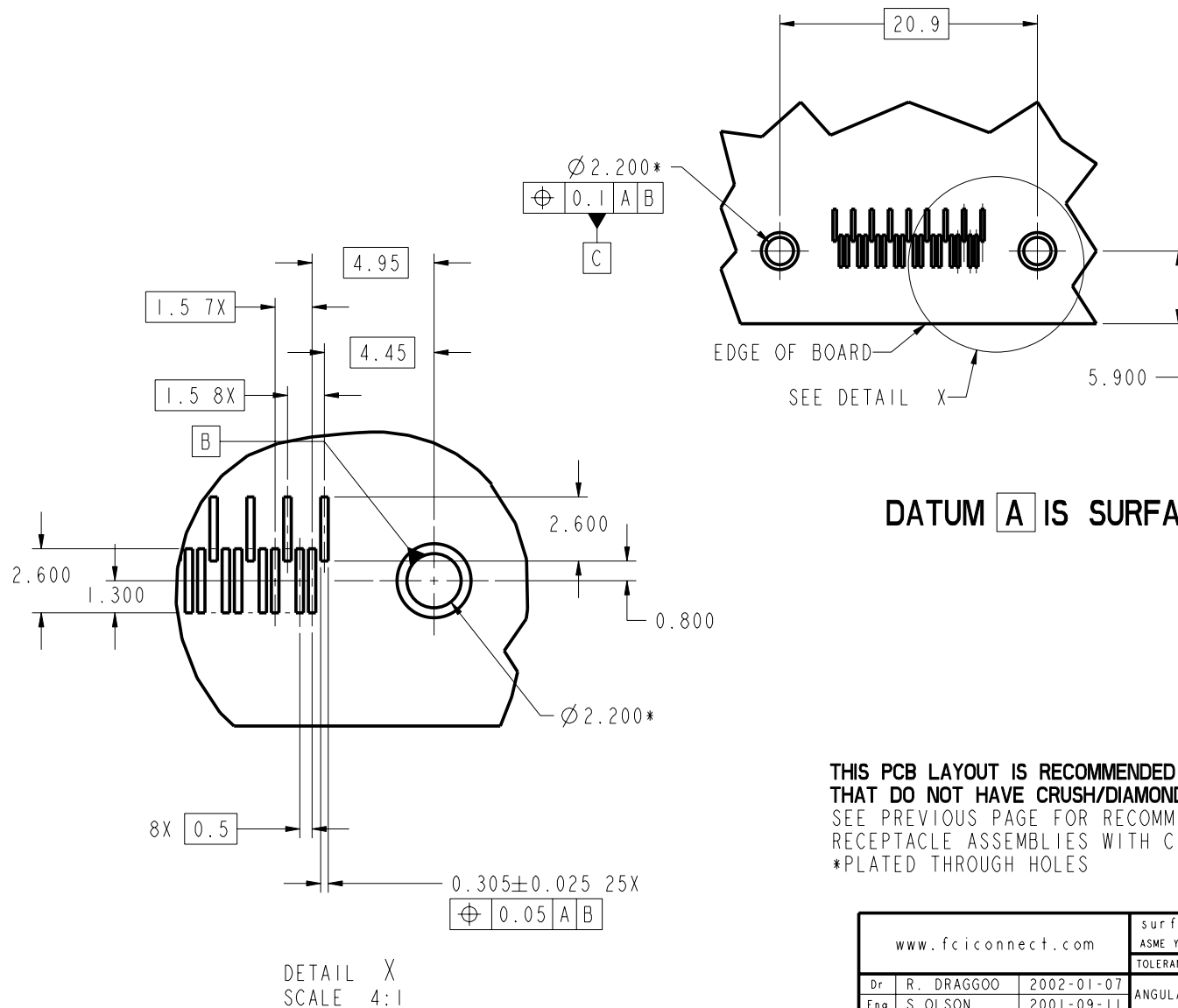
PDM: Rev:K

STATUS: Released

Printed: Jan 28, 2008



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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 ASME Y14.5	✓	tolerance std ASME Y14.5	-	projection A4	MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED				size	Scale
Dr	R. DRAGGOO	2002-01-07	ANGULAR		0.X	±.30		1:1
Eng	S. OLSON	2001-09-11	LINEAR		0.XX	±.10		
Chr	HIRAN V N	2006-07-26	0° ±2°		0.XXX	±.050	ECN	106-0123
Appr	HIRAN V N	2006-07-26	Product family InfiniBand				Spec ref	-
FCI			Title 4X R.A. RECEPT. ASS'Y w/o MOUNTING TABS			dwg no 58368	Rev. K	
catalog no			CUSTOMER			sheet 6 of 9		

REV F - 2006-04-17

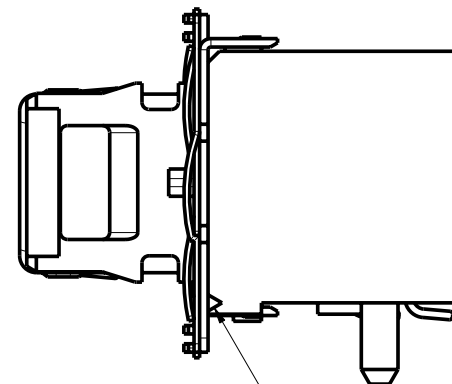
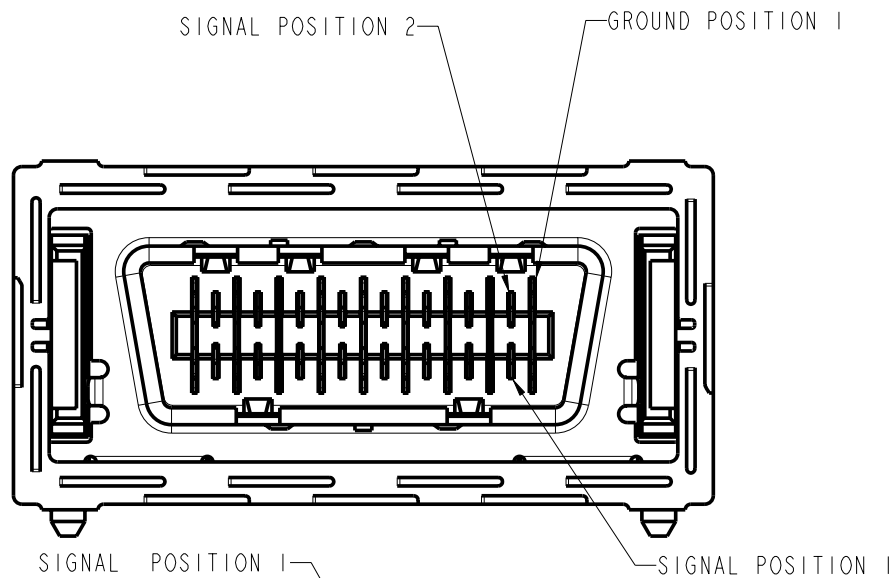
PDM: Rev:K

STATUS: Released

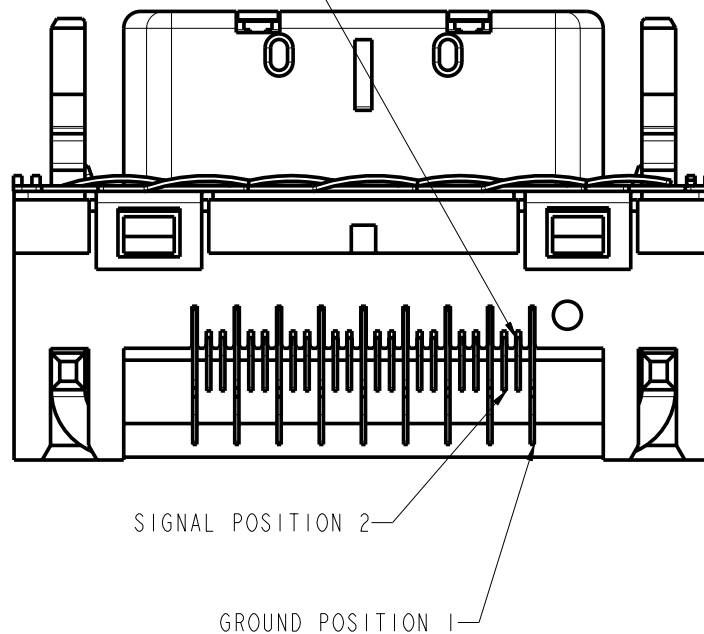
Printed: Jan 28, 2008



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POSITION 1
INDICATOR (TRIANGLE)



www.fciconnect.com			surface ASME Y14.5	✓	tolerance std ASME Y14.5	-	projection ASME Y14.5	MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	R. DRAGGOO	2002-01-07	ANGULAR		0.X	±.30	size A4	Scale 1:1
Eng	S. OLSON	2001-09-11	LINEAR		0.XX	±.10		
Chr	HIRAN V N	2006-07-26	0° ±2°		0.XXX	±.050	ECN	106-0123
Appr	HIRAN V N	2006-07-26	Product family InfiniBand				Spec ref	-
FCI			title 4X R.A. RECEPT. ASS'Y w/o MOUNTING TABS			dwg no 58368	Rev. K	
			catalog no			CUSTOMER		
						sheet 7 of 9		

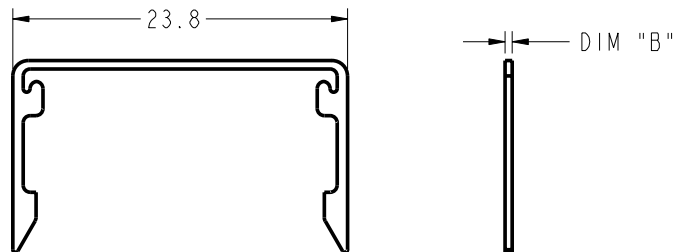
REV F - 2006-04-17

PDM: Rev:K

STATUS: Released

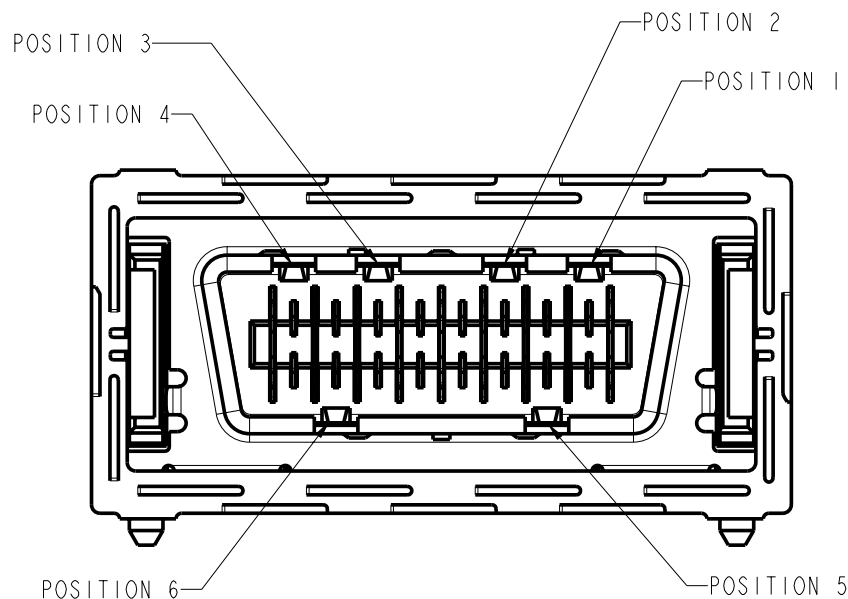
Printed: Jan 28, 2008

LOCK PLATE PART NUMBER	DIM "B"	SIZE	USED WITH		QTY PER 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" (20 GAGE PCI BRACKET)	100



THESE PANEL LOCK PLATES ARE TO BE ORDERED SEPARATELY

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



www.fciconnect.com			surface ASME Y14.5 ✓		tolerance std ASME Y14.5 -		projection 		MM 		
			TOLERANCES UNLESS OTHERWISE SPECIFIED					size A4		Scale 1:1	
Dr	R. DRAGGOO	2002-01-07	ANGULAR	LINEAR	0.X ±.30		ECN		106-0123		
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 4X R.A. RECEPT. ASS'Y w/o MOUNTING TABS					dwg no 58368		Rev K	
			catalog no					CUSTOMER		sheet 8 of 9	

REV F - 2006-04-17

PDM: Rev:K

STATUS: Released

Printed: Jan 28, 2008

58368-1XXXXXX

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:

- HOUSING MATERIAL: UL94 V-O LCP RESIN.
SIGNAL PIN MATERIAL: COPPER ALLOY.
GROUND CONTACT MATERIAL: COPPER ALLOY.
- PLATING: LEAD FREE SOLDER TAILS 2μm (80μin) MIN MATTE TIN
OVER 1.27μm (50μin) 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 ASME Y14.5 ✓	tolerance std ASME Y14.5 -	projection MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED		
Dr	R. DRAGGOO	2002-01-07	ANGULAR	0.X ±.30	size A4
Eng	S. OLSON	2001-09-11	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 InfiniBand		Spec ref -
FCI			4X R.A. RECEPT. ASS'Y w/o MOUNTING TABS		Rev. K
catalog no			dwg no 58368		CUSTOMER sheet 9 of 9