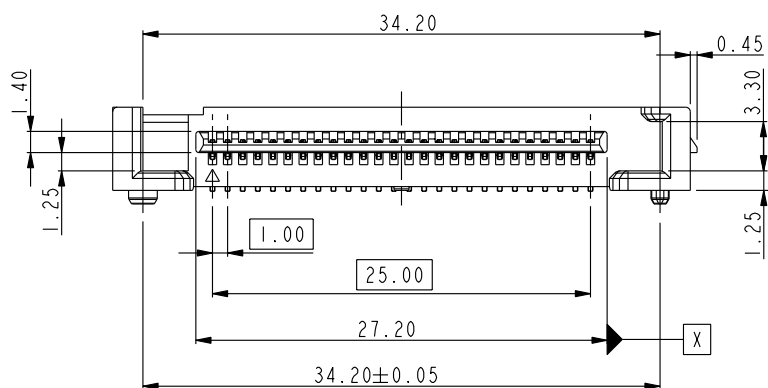
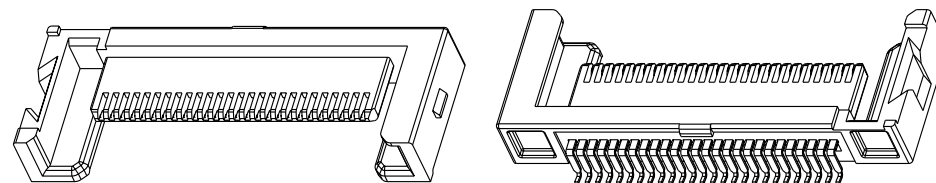
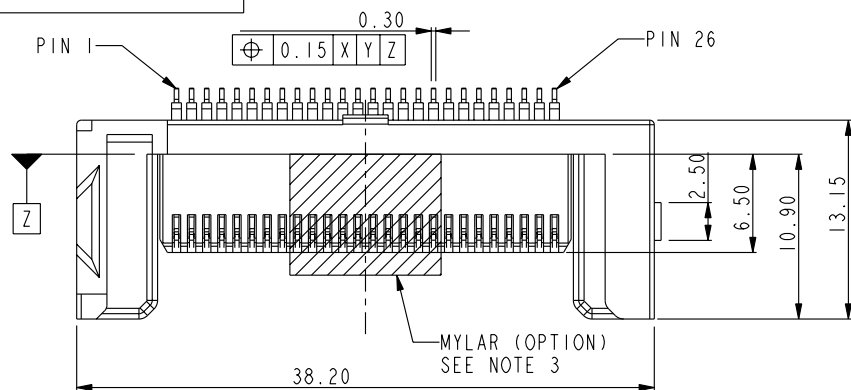


rev	ecn no	dr	date
A	T06-0198	TAI	2006/11/17
B	N08-0069	R.B	2008/04/23
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com			surface - 		tolerance std ASME Y14.5		projection 		MM 	
			TOLERANCES UNLESS		OTHERWISE SPECIFIED					
Dr	KENNY TAI	2005-08-30	ANGULAR	LINEAR	0.X	±0.50	size A4	Scale 1.000		
Eng	KENNY TAI	2005-08-30			0.XX	±0.30				
Chr	KENNY TAI	2005-08-30			0.XXX	±0.05			ECN	N08-0069
Appr	JOSEPH HSIA	2005-08-30	Product family EXPRESSCARD					Spec ref		
			title TOP MOUNT, 0 STAND OFF EXPRESSCARD HOST CONNECTOR				dwg no 10059820		Rev B	
catalog no			10059820				CUSTOMER		sheet 1 of 4	



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A

B

C

D

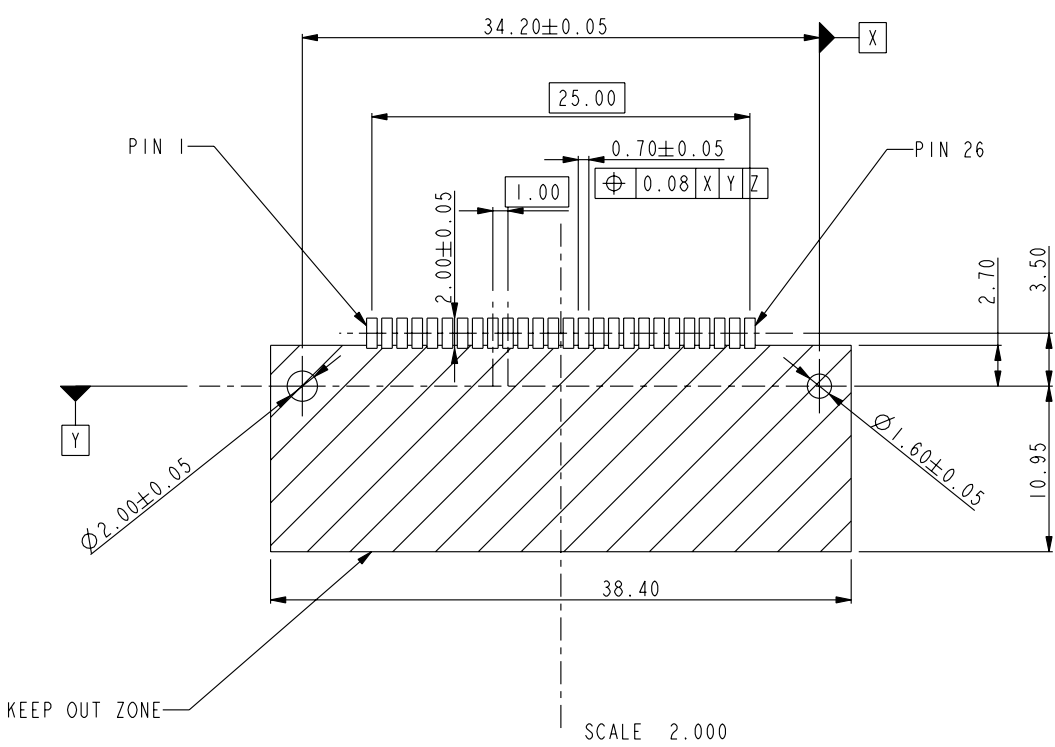
NOTES :

1. MATERIAL:
HOUSING: HIGH TEMPERATURE THERMOPLASTIC,
UL 94 V-0 FLAME RETARDANT.
TERMINAL: COPPER ALLOY.
PLATING SPEC. AS BELOW :
Ni 50u" UNDER PLATED.
Au OR GXT OVER CONTACT AREA. (ONE SIDE)
Tin 120u" OVER SOLDERING AREA.
2. PACKING SPEC. GS-14-924.
3. PRODUCT PERFORMANCE PER SPEC. GS-12-285.
4. PART NUMBER SCHEME: (EX. 10059820-100ABSMFLF)
10059820-X XX X X X X LF (LEAD FREE)

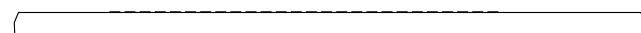
SPEC.	OPTION (CODE)		
MYLAR	WITH (M)	WITHOUT ()	
PACKING	TRAY (S)	TAPE & REEL (T)	TUBE (P)
HSG COLOR	BLACK (B)	NATURE (N)	
MOUNT SIDE	ABOVE (A)		
STAND-OFF	0 (00)	1.0 (10)	
PLATING	GOLD 30u" (1)	6XT 30u" (2)	
		6XT 15u" (4)	

5. RoHS COMPATIBLE PRODUCT SPECIFICATIONS

- a-PLATING:
- "LF" MEANS THE PRODUCT IS LEAD-FREE, 2micro-meter MINIMUM MATTE TIN OVER 1.27micro-meter MINIMUM NICKEL UNDERPLATE.
- b-MANUFACTURING PROCESS COMPATIBILITY:
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C±5°C SOLDER BATH TEMPERATURE FOR 5 SECONDS IN A REFLOW SOLDER APPLICATION WITH A 1.6mm MIN THICK CIRCUIT BOARD.
6. UMNATING FORCE: 18.5N MAX.



RECOMMENDED PCB LAYOUT
(FOR 10059820-X00AXXXLF)

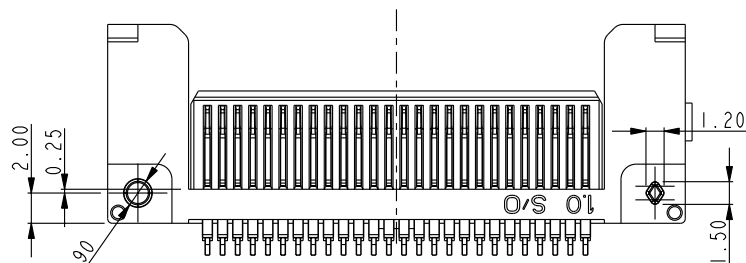
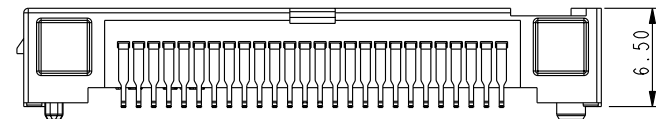
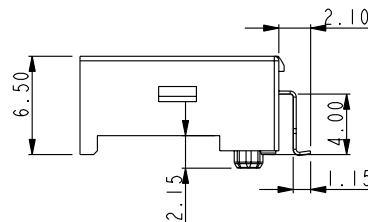
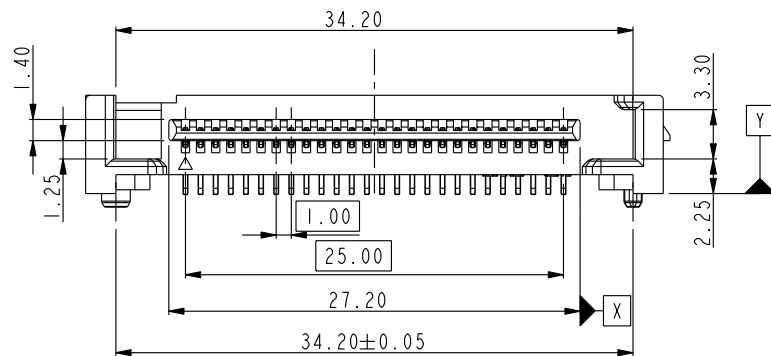
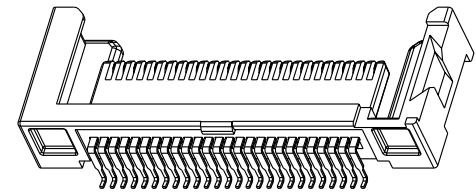
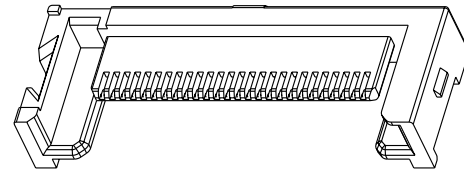
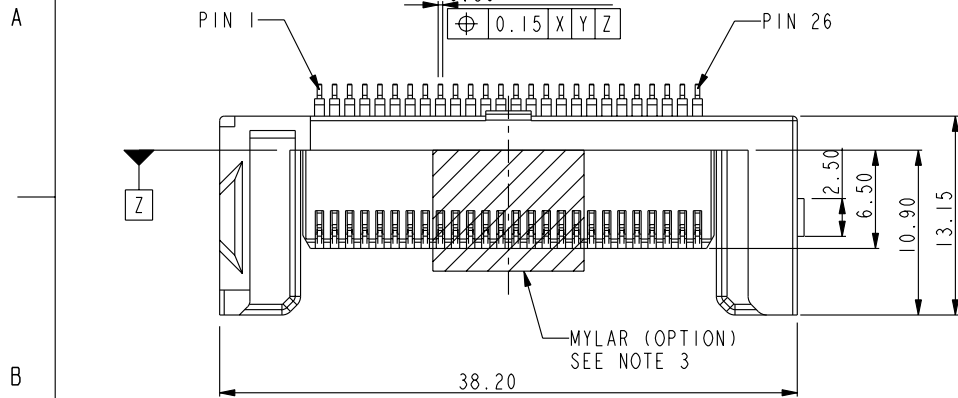


www.fciconnect.com			surface ☒		tolerance std ASME Y14.5		projection 		MM 			
			TOLERANCES UNLESS OTHERWISE SPECIFIED									
Dr	KENNY TAI	2005-08-30	ANGULAR		LINEAR		0.X		±0.50			
Eng	KENNY TAI	2005-08-30					0.XX		±0.30			
Chr	KENNY TAI	2005-08-30	0°		±2°		0.XXX		±0.05			
Appr	JOSEPH HSIA	2005-08-30	Product family EXPRESSCARD						ECN N08-0069			
			Spec ref						*			
			title TOP MOUNT, 0 STAND OFF				dwg no 10059820				Rev. B	
			EXPRESSCARD HOST CONNECTOR									
			catalog no 10059820				CUSTOMER				sheet 2 of 4	



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PART NUMBER
10059820-X10AXXXLF



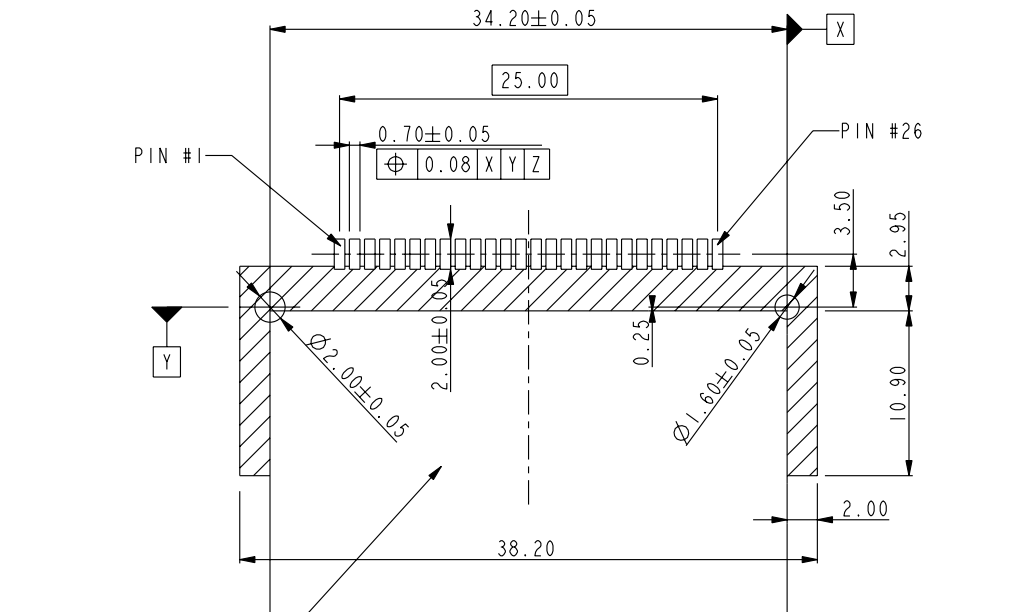
www.fciconnect.com			surface		tolerance std ASME Y14.5		projection 		MM 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	KENNY TAI	2005-08-30	ANGULAR		LINEAR	0.X	±0.50	size A4	Scale 1.000	
Eng	KENNY TAI	2005-08-30				0.XX	±0.30		ECN N08-0069	
Chr	KENNY TAI	2005-08-30	0° ±2°	0.XXX		±0.05				
Appr	JOSEPH HSIA	2005-08-30	Product family EXPRESSCARD					Spec ref		*
			title TOP MOUNT, 0 STAND OFF EXPRESSCARD HOST CONNECTOR				dwg no 10059820	10059820		Rev. B
			catalog no		10059820		CUSTOMER		sheet 3 of 4	

REV F - 2006-04-17

PDM: Rev:B

STATUS Released

4 Printed: Oct 12, 2010



ALLOW MAX. 0.6MM-
HEIGHT PARTS ONLY

SCALE 2.000

RECOMMENDED PCB LAYOUT
(FOR 10059820-X10AXXXLF)

www.fciconnect.com			surface ☒ tolerance std ASME Y14.5		projection 		MM 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	KENNY TAI	2005-08-30	ANGULAR	LINEAR	0.X	±0.50	size A4	Scale 1.000
Eng	KENNY TAI	2005-08-30			0.XX	±0.30		
Chr	KENNY TAI	2005-08-30			0°. ±2°	0.XXX		
Appr	JOSEPH HSIA	2005-08-30	Product family EXPRESSCARD			ECN N08-0069 Spec ref *		
	title	TOP MOUNT, 0 STAND OFF EXPRESSCARD HOST CONNECTOR			dwg no	10059820		Rev. B
	catalog no		10059820		CUSTOMER		sheet 4 of 4	