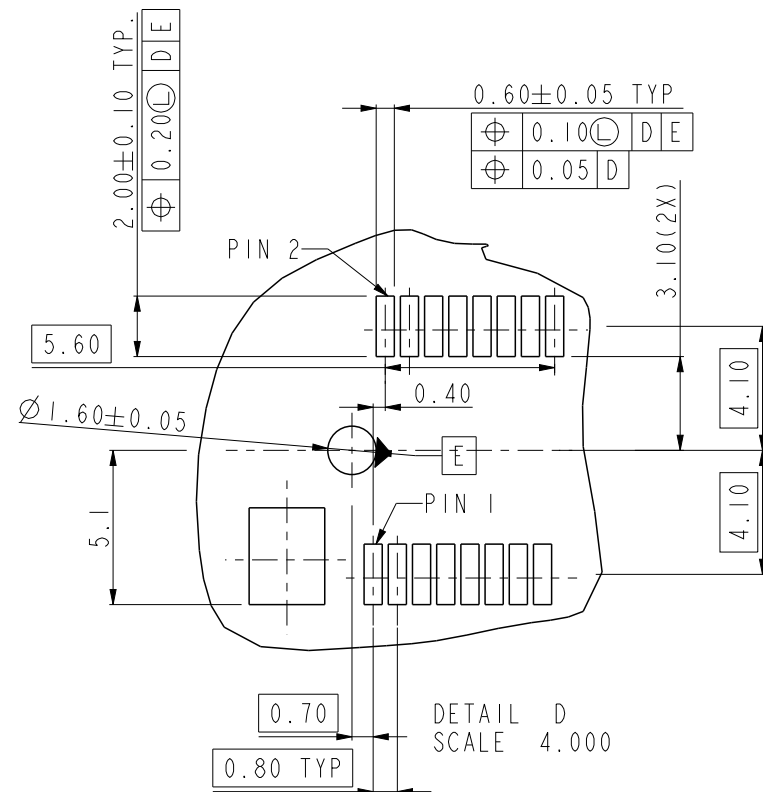
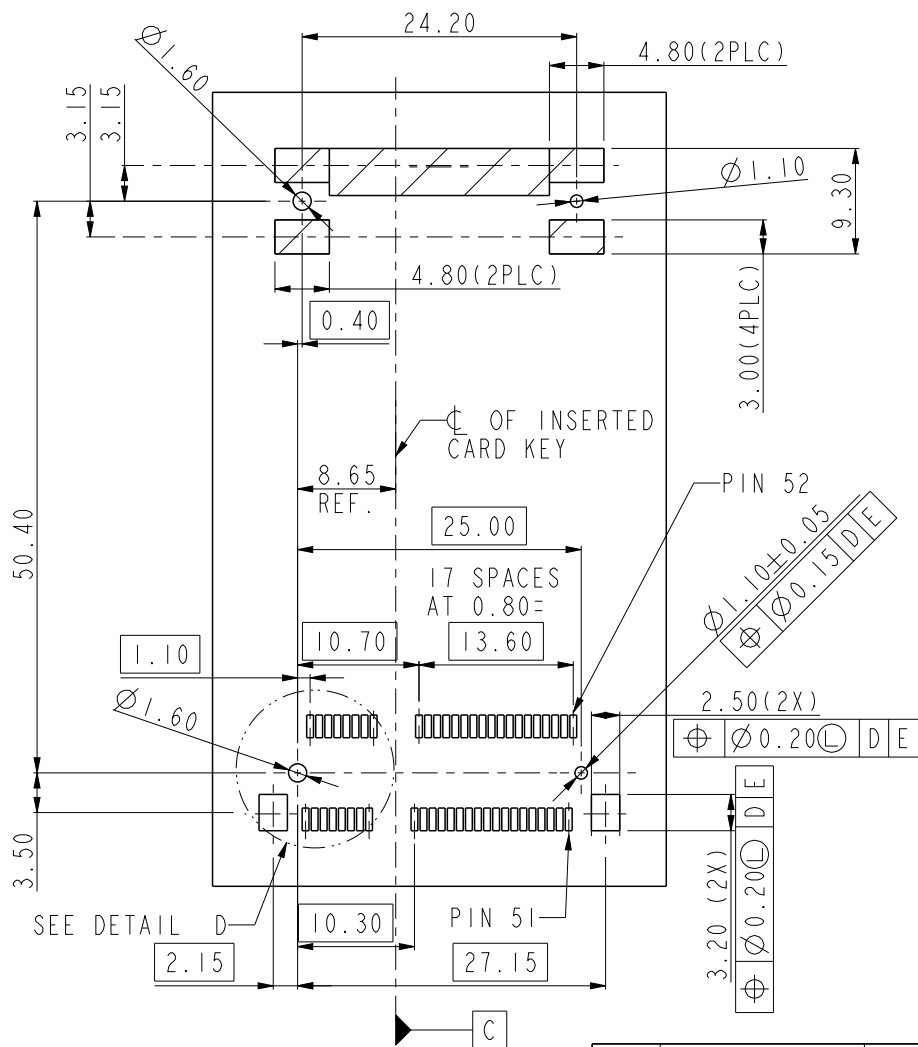


spec ref		*		dr		Pei-Ming Zheng		2006/11/01		projection		mm		size		A4		scale		3.000			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Andy Lu		2012/04/08						ecn no		ELX-DG-011231-1							
chr				Jian Huang		2012/04/09		product family						rel level						Released			
ASME Y14.5				appr		Pei-Ming Zheng		2012/04/09															
surface				linear		0.X		±0.30				title		MINI PCI EXPRESS 52P		dwg no		10054995		rev		F	
		0.XX		±0.25																			
		0.XXX		±0.15																			
ASME Y14.5		angular		0°		±2°		www.fci.com		cat. no.		Product - Customer Drw		sheet 1 of 5									

RECOMMENDED PCB LAYOUT(SINGLE SOCKET)



NOTES:

1. DATUM D IS THE TOP SURFACE OF PCB.
2. THE HORIZONTAL AXIS FOR THE PATTERN IS ESTABLISHED BY A LINE THROUGH THE CENTER OF THE $\varnothing 1.60$ AND $\varnothing 1.10$ HOLES. THE VERTICAL AXIS IS 90° TO THE HORIZONTAL AXIS, THROUGH THE CENTER OF DATUM E.
3. LOCATION OF INSERTED CARD EDGE IS ALIGNED WITH $\varnothing$ OF HOLES.

dr	Pei-Ming Zheng	2006/11/01	projection	mm	size	A4	scale	1.500		
eng	Andy Lu	2012/04/08			ecn no		ELX-DG-011231-1			
chr	Jian Huang	2012/04/09			rel level		Released			
appr	Pei-Ming Zheng	2012/04/09	product family							
	title		MINI PCI EXPRESS 52P 6.7MM HEIGHT ASSEMBLY		dwg no		10054995		rev	
www.fci.com	cat. no.		Product - Customer Drw				sheet 2 of 5			



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A

B

C

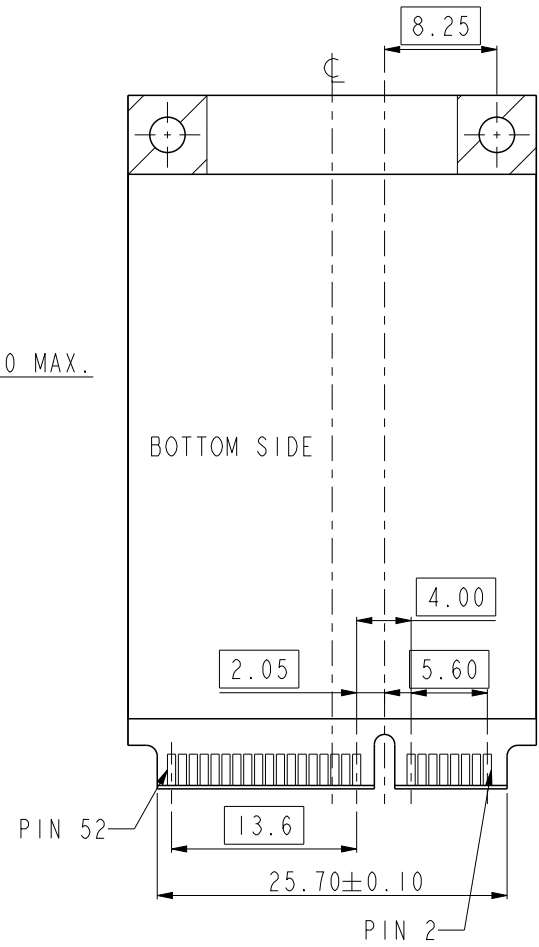
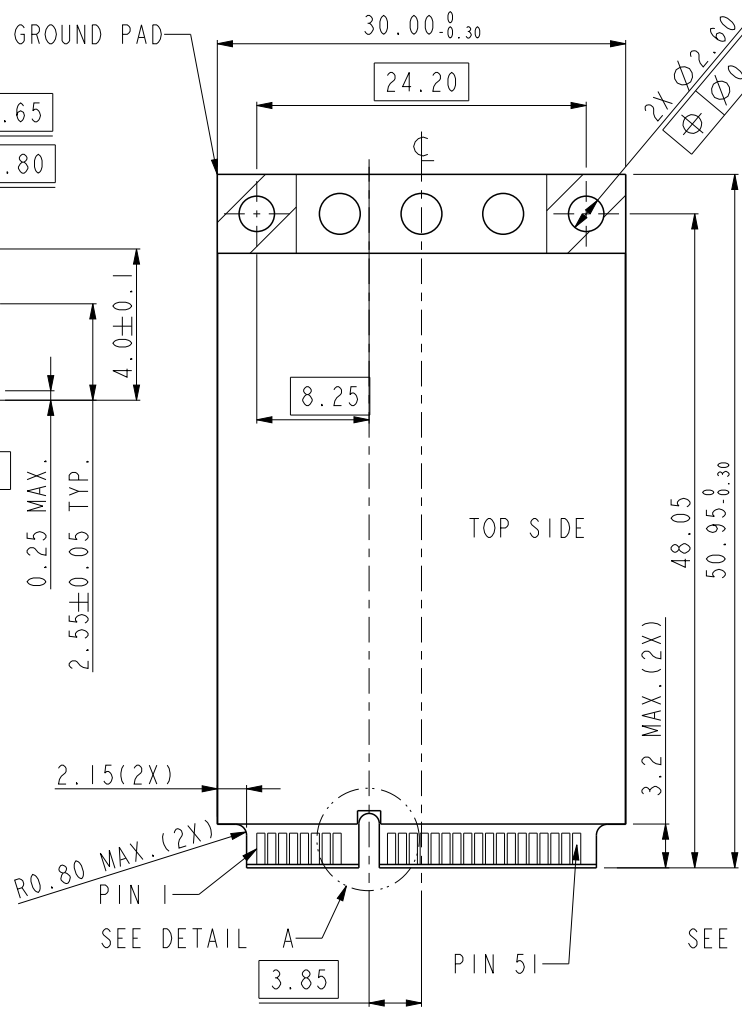
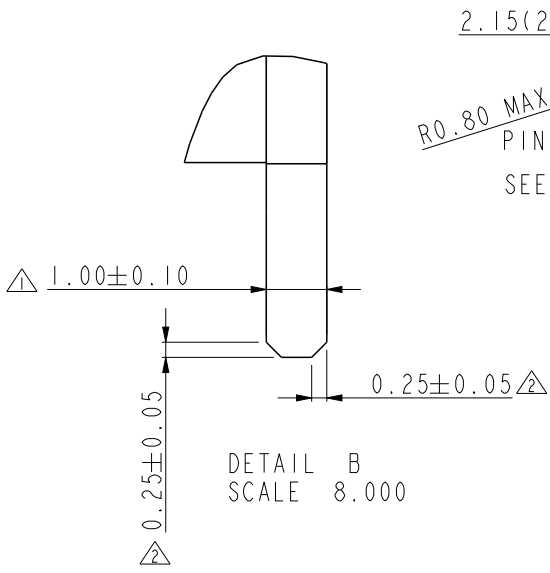
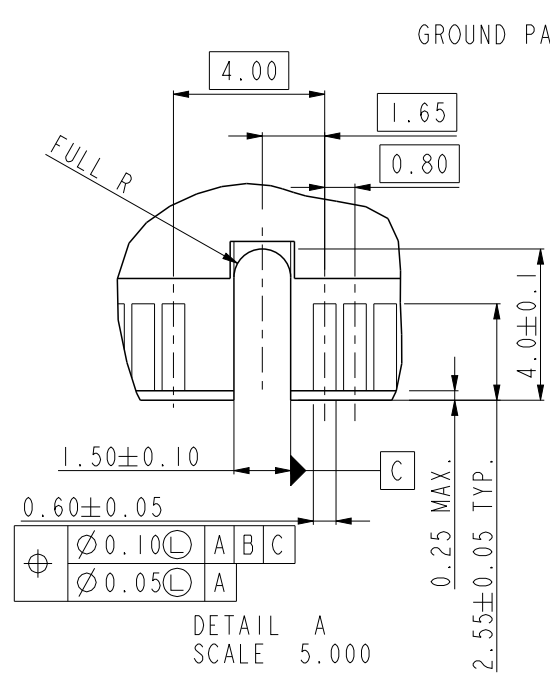
D

A

B

C

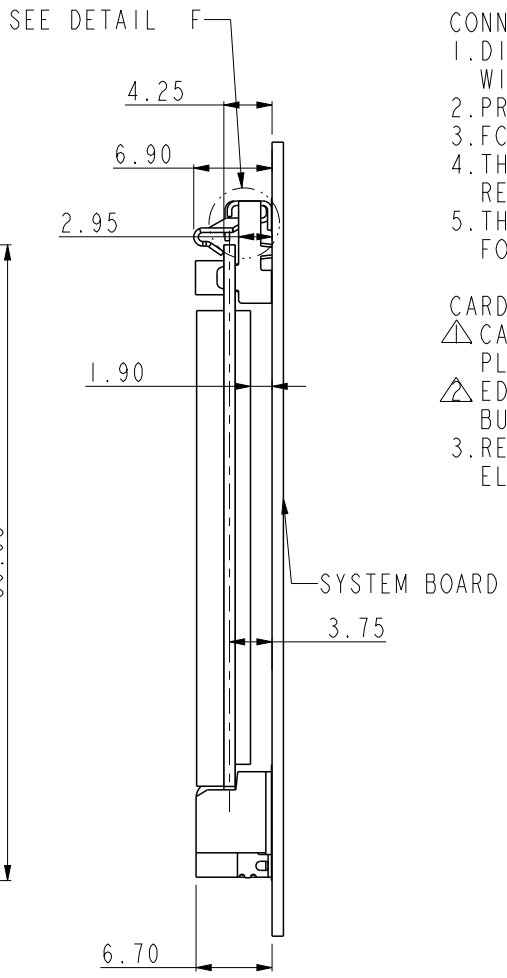
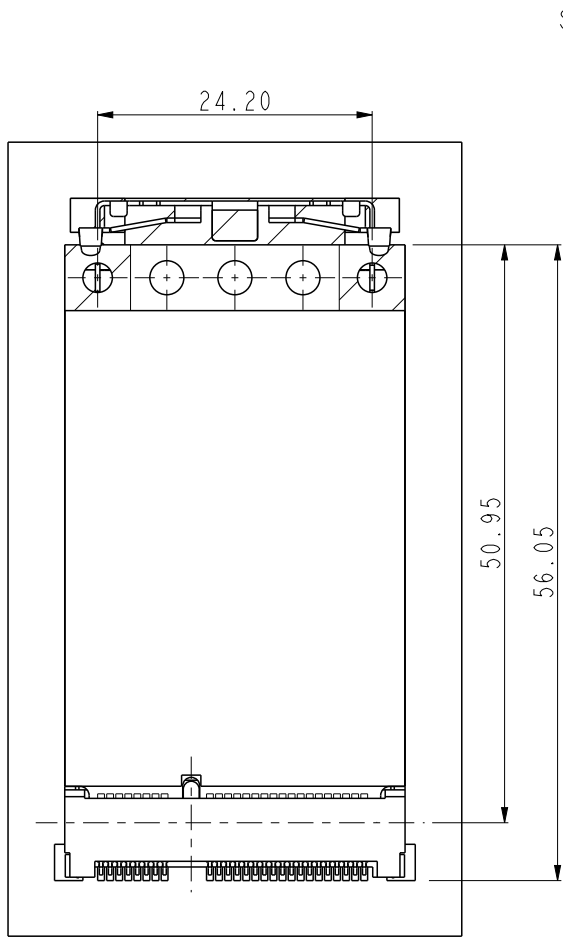
D



dr	Pei-Ming Zheng	2006/11/01	projection	mm	size	A4	scale	2.000				
eng	Andy Lu	2012/04/08			ecn no	ELX-DG-011231-1						
chr	Jian Huang	2012/04/09										
appr	Pei-Ming Zheng	2012/04/09	product family			rel level			Released			
			title			MINI PCI EXPRESS 52P			dwg no	10054995	rev	F
			6.7MM HEIGHT ASSEMBLY									
www.fci.com			cat. no.			Product - Customer Drw			sheet 3 of 5			

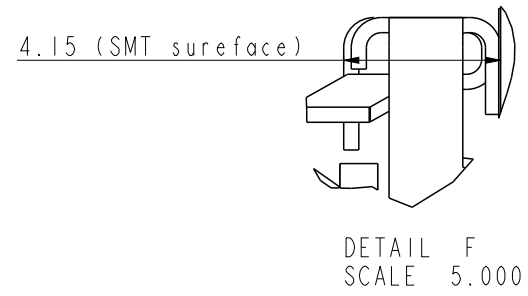


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CONNECTOR NOTES:
1. DIMENSIONS AND TOLERANCE ARE IN ACCORDANCE WITH ASME Y14.5M, 1944 UNLESS OTHERWISE SPECIFIED.
2. PRODUCT SPECIFICATION: GS-12-236.
3. FCI LOGO WILL BE APPROXIMATELY LOCATED AS SHOWN ON PRINT.
4. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
5. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A IR-REFLOW APPLICATION.

CARD NOTES:
△ CARD THICKNESS APPLIES ACROSS TABS AND INCLUDES PLATING AND /OR METALIZATION.
△ EDGE BEVEL MUST BE PRESENT AND FREE OF CUTTING BURRS FROM PCB AND CONTACT MATERIALS.
3. RECOMMENDED PLATING FOR CONTACT PADS ELECTROLYTIC GOLD 0.76um.



dr	Pei-Ming Zheng	2006/11/01	projection	mm	size	A4	scale	1.500			
eng	Andy Lu	2012/04/08			ecn no		ELX-DG-011231-1				
chr	Jian Huang	2012/04/09			rel level		Released				
appr	Pei-Ming Zheng	2012/04/09			product family						
		title			MINI PCI EXPRESS 52P		dwg no		10054995	rev	F
6.7MM HEIGHT ASSEMBLY											
www.fci.com		cat. no.			Product - Customer Drw				sheet 4 of 5		



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A

B

C

D

PRODUCT NO.	HOLD DOWN PLATING	TERMINAL CONTACT POINT FINISH	SOLDER TAIL PLATING
10054995-0010LF	PURE Sn (Bright Tin)	Gold flash (0.038 um) MIN.	PURE Sn (Matte Tin) PLATING
10054995-0210LF	PURE Sn (Matte Tin)		
10054995-0110	Sn-Pb (Bright)		
10054995-0020LF	PURE Sn (Bright Tin)	Au 15 u" (0.38 um) MIN.	
10054995-0220LF	PURE Sn (Matte Tin)		
10054995-0120	Sn-Pb (Bright)		
10054995-0030LF	PURE Sn (Bright Tin)	Au 30 u" (0.76 um) MIN.	
10054995-0230LF	PURE Sn (Matte Tin)		
10054995-0130	Sn-Pb (Bright)		
10054995-0011	PURE Sn (Bright Tin)	Gold flash (0.038 um) MIN.	Sn-Pb (Bright) PLATING
10054995-0111	Sn-Pb (Bright)		
10054995-0021	PURE Sn (Bright Tin)	Au 15 u" (0.38 um) MIN.	
10054995-0121	Sn-Pb (Bright)		
10054995-0031	PURE Sn (Bright Tin)	Au 30 u" (0.76 um) MIN.	
10054995-0131	Sn-Pb (Bright)		

NOTES:

1. MATERIAL:
HOUSING: THERMOPLASTIC, HIGH TEMP,
UL 94V-0, COLOR BLACK.
CONTACTS: PHOSPHOR BRONZE.
HOLD DOWN: BRASS.
2. PLATING:
CONTACT: Ni UNDER PLATING. OTHERS SEE TABLE
HOLD DOWN: Ni UNDER PLATING. OTHERS SEE TABLE.
3. "LF" CODES ARE FOR LEAD FREE OPTIONS. SEE TABLE.
4. PRODUCT SPEC: GS-12-236.

10054995-□ □ □ □ □ (LF)

"LF" CODE ONLY EXISTS WHEN
2ND AND 4TH CODES ARE "0" OR "2".
SEE TABLE.

Packaging Code
Null: Tray
R: Tape & Reel

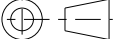


SOLDER TAIL PLATING
0: Pure Sn (Matte Tin).
1: Sn-Pb (Bright).

CONTACT PLATING
1 : Gold flash.
2 : Au 15 u" MIN.
3 : Au 30 u" MIN.

HOLD DOWN PLATING
0: Pure Sn (Bright Tin).
1: Sn-Pb (Bright).
2: Pure Sn (Matte Tin)

(RESERVED CODE)
0

dr	Pei-Ming Zheng	2006/11/01	projection 		size	A4	scale	1.000
eng	Andy Lu	2012/04/08			ecn no		ELX-DG-011231-1	
chr	Jian Huang	2012/04/09			rel level		Released	
appr	Pei-Ming Zheng	2012/04/09	product family			rel level		
		title			MINI PCI EXPRESS 52P		dwg no	
					6.7MM HEIGHT ASSEMBLY		10054995	
www.fci.com		cat. no.			Product - Customer Drw		rev	
							F	
					sheet 5 of 5			