

FCI CONFIDENTIAL



This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI.
Copyright FCI

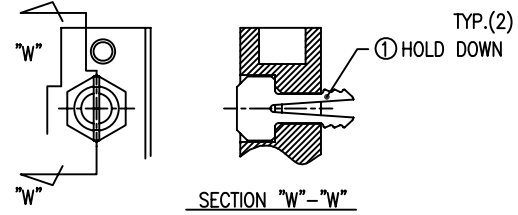
FCIconnect.com

PRODUCT NO.
92140

PRODUCT NO.	STAND OFF	SOLDER TAIL	DIM "P" (mm)	DIM "Q" (mm)	FOR LOWER DECK OR UPPER DECK	HOLD DOWN	LOCATOR FOR SOLDER TAIL ALIGNMENT	SHEET NO.	MOUNTING STYLE TO PCB
92140-XXXX	DIM "W" (mm)								
000	0	R/A	2.8	—	LOWER	NONE	NONE	NO.2	TOP MOUNT 92140-XXXX
000M	0	R/A	2.8	—	LOWER	NONE	NONE		
000LF	0	R/A	2.8	—	LOWER	NONE	NONE		
000MLF	0	R/A	2.8	—	LOWER	NONE	NONE		
000H	0	R/A	2.8	—	LOWER	YES	NONE		
000HLF	0	R/A	2.8	—	LOWER	YES	NONE		
001	0	SMT STG.	—	—	LOWER	NONE	NONE		
001LF	0	SMT STG.	—	—	LOWER	NONE	NONE		
001H	0	SMT STG.	—	—	LOWER	YES	NONE		
001HLF	0	SMT STG.	—	—	LOWER	YES	NONE		
002	0	SMT L.L.	—	—	LOWER	NONE	NONE		
002LF	0	SMT L.L.	—	—	LOWER	NONE	NONE		
002H	0	SMT L.L.	—	—	LOWER	YES	NONE		
002HLF	0	SMT L.L.	—	—	LOWER	YES	NONE		
010	4	R/A	2.8	—	LOWER	NONE	YES		
010LF	4	R/A	2.8	—	LOWER	NONE	YES		
010H	4	R/A	2.8	—	LOWER	YES	YES		
010HLF	4	R/A	2.8	—	LOWER	YES	YES		
020	5	R/A	2.8	—	LOWER	NONE	YES	NO.3	
020LF	5	R/A	2.8	—	LOWER	NONE	YES		
020MLF	5	R/A	2.8	—	LOWER	NONE	YES		
021MLF	5	R/A	2.8	—	LOWER	NONE	YES		
020H	5	R/A	2.8	—	LOWER	YES	YES		
020HLF	5	R/A	2.8	—	LOWER	YES	YES		
026HLF	5	R/A	2.8	—	LOWER	YES	YES		
040	2	R/A	2.5	—	LOWER	NONE	NONE		
040LF	2	R/A	2.5	—	LOWER	NONE	NONE		
040HLF	2	R/A	2.5	—	LOWER	YES	NONE		
050	3	R/A	2.8	—	LOWER	NONE	YES		
050LF	3	R/A	2.8	—	LOWER	NONE	YES		
050H	3	R/A	2.8	—	LOWER	YES	YES		
050HLF	3	R/A	2.8	—	LOWER	YES	YES		
005	FOR 0	R/A	2.8	8.6	UPPER	NONE	YES	NO.4	
005LF	FOR 0	R/A	2.8	8.6	UPPER	NONE	YES		
045	FOR 2	R/A	2.5	10.3	UPPER	NONE	YES		
045LF	FOR 2	R/A	2.5	10.3	UPPER	NONE	YES		
500	0	R/A	2.8	—	LOWER	NONE	NONE	NO.5	BOTTOM MOUNT 92140-XXXX
500LF	0	R/A	2.8	—	LOWER	NONE	NONE		
500H	0	R/A	2.8	—	LOWER	YES	NONE		
500HLF	0	R/A	2.8	—	LOWER	YES	NONE		
501	0	SMT STG.	—	—	LOWER	NONE	NONE		
501LF	0	SMT STG.	—	—	LOWER	NONE	NONE		
501H	0	SMT STG.	—	—	LOWER	YES	NONE		
501HLF	0	SMT STG.	—	—	LOWER	YES	NONE		
502	0	SMT L.L.	—	—	LOWER	NONE	NONE		
502LF	0	SMT L.L.	—	—	LOWER	NONE	NONE		
502H	0	SMT L.L.	—	—	LOWER	YES	NONE		
502HLF	0	SMT L.L.	—	—	LOWER	YES	NONE		
503	0	SMT L.L.	—	—	LOWER	NONE	NONE		
503LF	0	SMT L.L.	—	—	LOWER	NONE	NONE		
510	4	R/A	2.8	—	LOWER	NONE	YES	NO.6	
510LF	4	R/A	2.8	—	LOWER	NONE	YES		
510HLF	4	R/A	2.8	—	LOWER	YES	YES		
520	5	R/A	2.8	—	LOWER	NONE	YES		
520LF	5	R/A	2.8	—	LOWER	NONE	YES		
520H	5	R/A	2.8	—	LOWER	YES	YES		
520HLF	5	R/A	2.8	—	LOWER	YES	YES		
530	2	R/A	1.48	—	LOWER	NONE	NONE		
530LF	2	R/A	1.48	—	LOWER	NONE	NONE		
540	2	R/A	2.5	—	LOWER	NONE	NONE		
540LF	2	R/A	2.5	—	LOWER	NONE	NONE		
505	FOR 0	R/A	2.8	8.6	UPPER	NONE	YES	NO.7	
505LF	FOR 0	R/A	2.8	8.6	UPPER	NONE	YES		
535	FOR 2	R/A	1.48	9.28	UPPER	NONE	YES		
535LF	FOR 2	R/A	1.48	9.28	UPPER	NONE	YES		
545	FOR 2	R/A	2.5	10.3	UPPER	NONE	YES	NO.7	
545LF	FOR 2	R/A	2.5	10.3	UPPER	NONE	YES		

92140-XXXXX

OPTIONAL LEED FREE NONE : N 0
LF : YES
OPTIONAL HOLD DOWN NONE : N 0
H : YES (SEE FIGURE OF -xxxH)
LOW COST VERSION NONE : N 0
M : YES (DETAIL AS COMPONENT)
SOLDER TAIL 0 : R/A (FOR LOWER & SINGLE)
1 : SMT STAGGERED
2 : SMT IN LINE
3 : SMT IN LINE (FOR UPPER ONLY)
5 : R/A
6 : R/A (FOR LOWER & SINGLE, HOLD DOWN WITH HANGNAIL)
STAND OFF 0 : 0mm
1 : 4mm
2 : 5mm
3 : 2mm (SPECIAL TAIL LENGTH)
4 : 2mm
5 : 3mm
MOUNTING STYLE 0 : TOP MOUNTING
5 : BOTTOM MOUNTING

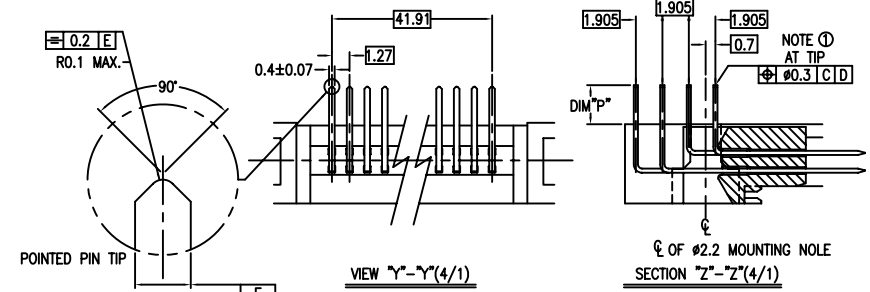
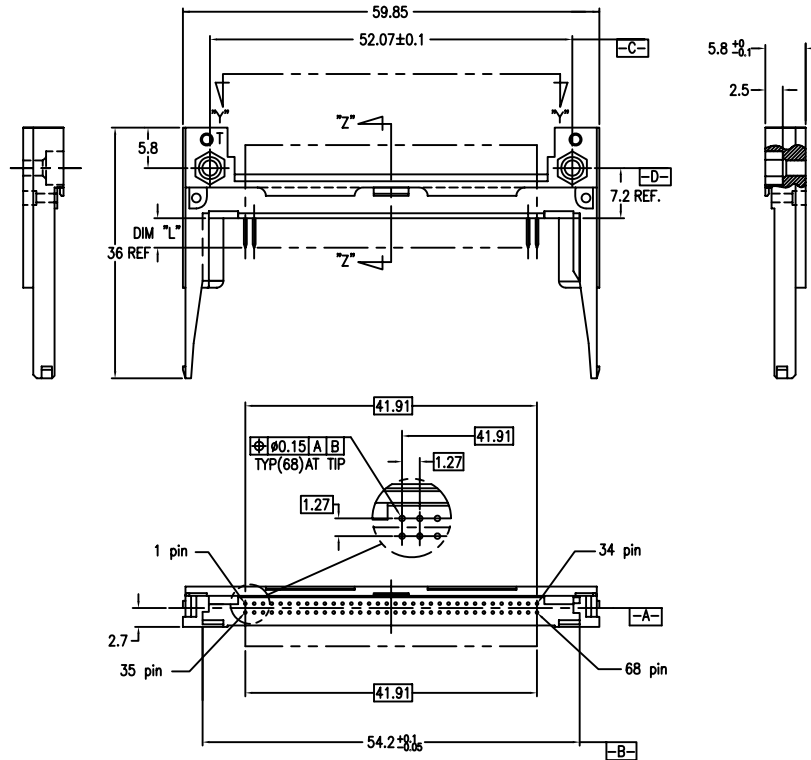


92140-xxxH
(OPTIONAL HOLD DOWN)

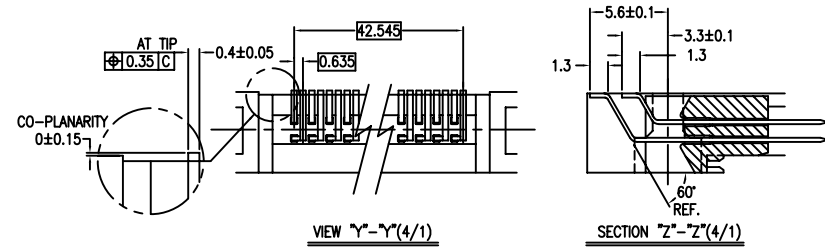
NOTE
1.THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
2.PRODUCT SPEC: 110-263

mat'l. code				surface		tolerance		projection	product family PCMCIA			
				ISO 1302		ISO 406 ISO 1101						
ltr	ecn no	dr	date	tolerances unless otherwise specified					title			
AL	ELX-N-011428	ZK	04/23/12	angles	linear	0.X±0.3			68 POS EJECTOR HEADER ASSY			
AM	ELX-N-16398	JH	11/29/13			0.XX±0.13			FOR 5.0V APPLICATION			
				±2°		0.XXX±0.051		scale				
				dr	Mike Zhou	11/21/06			dwg no		sheet 1 of 7	size
AH	N08-0219	MZ	11/14/08	enrg	Mike Zhou	11/21/06			92140			A4
AJ	N09-0045	SH	05/26/09	chr	David Qin	11/21/06						
AK	ELX-N-007949	ZK	11/01/11	appd	Jack Wang	11/21/06						
sheet index	revision	AM							type	CUSTOMER	Drawing	
	sheet	1-7										

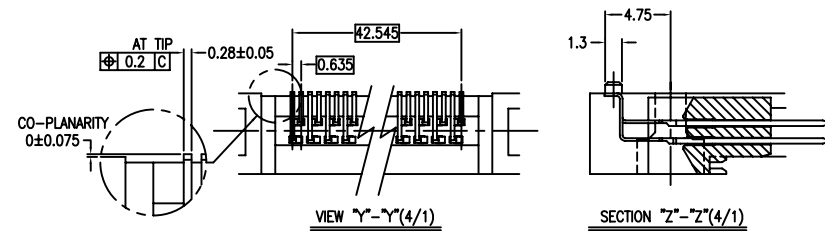
PRODUCT NO.
92140-000M
92140-000MLF
92140-000H
92140-000HLF
92140-001
92140-001LF
92140-001H
92140-001HLF
92140-002
92140-002LF
92140-002H
92140-002HLF



R/A (92140-000X)



SMT STAGGERED (92140-001X)



SMT IN LINE (92140-002X)

NOTES

- ① TRUE POSITION IS A FREE GRID TO PIN PATTERN ITSELF.
- ② SEE TA-946 FOR PCB LAYOUT.
- ③ MATERIAL HOUSING : HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK
PIN : COPPER ALLOY.
HOLD-DOWN : BRASS
- ④ FINISH PIN
UNDER PLATING : 0.5µm MIN. Ni.
CONTACT AREA : 0.076 µm MIN. GOLD

NOTE:SPECIAL VERSION:ONLY 0.25µm Au

SOLDER AREA : 2.5µm MIN. Sn-Pb.
OR 2.5µm MIN. PURE Sn.(FOR -XXXLF)
HOLD-DOWN : 2.5µm MIN. PURE Sn.

5. RECOMMENDED PCB HOLE (OPTIONAL HOLD-DOWN) : 2.3±0.1
6. SEQUENCE PIN ASSIGNMENT

PIN No.	OTHERS	DIM "L"	
		4.25±0.1	5.0±0.1
		36.67	35.51±0.08

7. GENERAL TOLERANCE : ±0.3
8. SEE SHEET 1 REGARDING COMPONENTS.

mat'l. code				surface ISO 1302		tolerance ISO 406 ISO 1101		projection 		product family PCMCIA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
ltr		ecn no		dr	date	tolerances unless otherwise specified										title																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
AM						angles		linear		0.X±0.3		 MM		68 POS EJECTOR HEADER ASSY FOR 5.0V APPLICATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
										0.XX±0.13																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
						±2'				0.XXX±0.051		scale																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
						dr		Mike Zhou		11/21/06														dwg no										sheet 2 of 7		size																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
						enrg		Mike Zhou		11/21/06				92140												A4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
						chr		David Qin		11/21/06																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
						appd		Jack Wang		11/21/06																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
sheet index		revision sheet																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						</

FCI CONFIDENTIAL

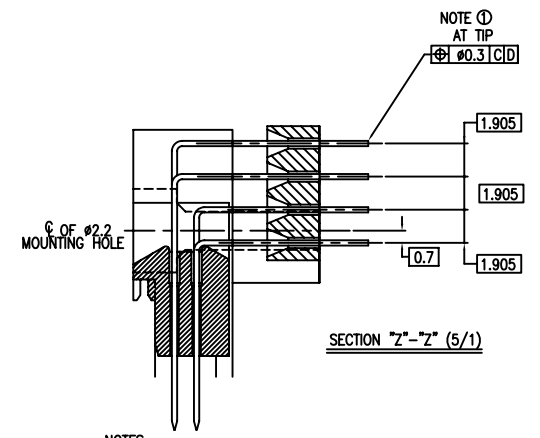
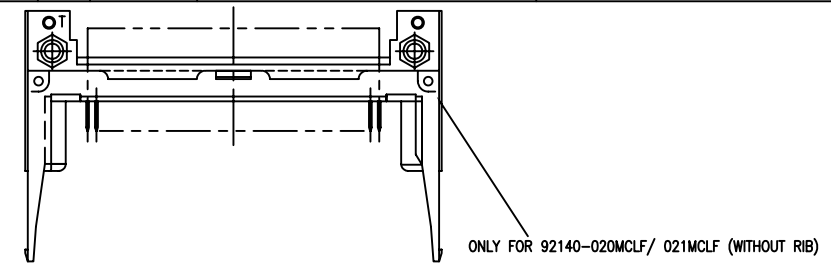
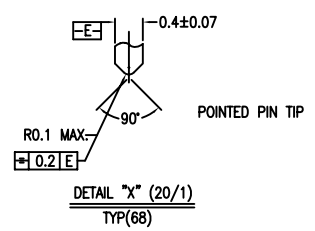
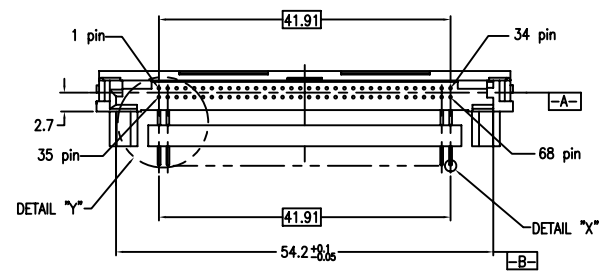
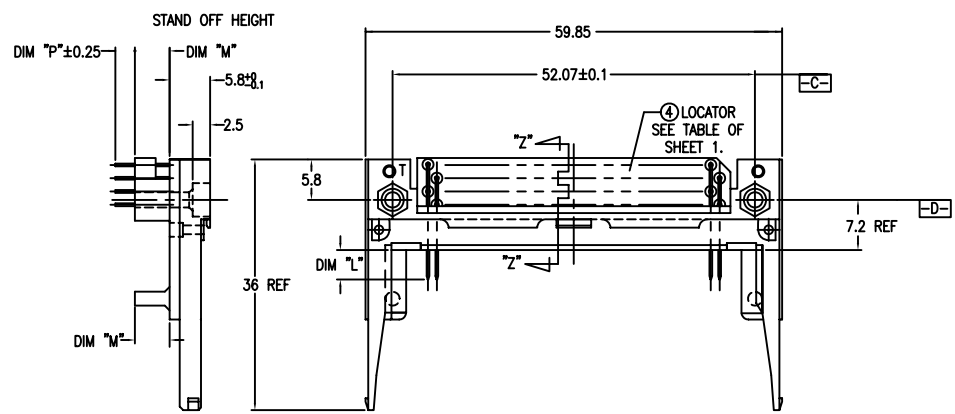
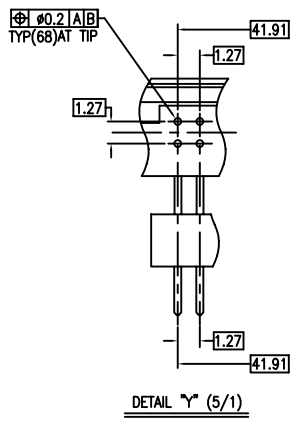


FCIconnect.com

This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI.

Copyright FCI

PRODUCT NO.	PRODUCT NO.
92140-010	92140-010LF
92140-010H	92140-010HLF
92140-020	92140-020LF
92140-020H	92140-020HLF
92140-040	92140-040LF
92140-050	92140-050LF
92140-050H	92140-050HLF
92140-020MLF	92140-040HLF
92140-021MLF	
92140-026HLF	



- NOTES
- TRUE POSITION IS A FREE GRID TO PIN PATTERN ITSELF.
 - SEE TA-946 FOR PCB LAYOUT.
 - MATERIAL
 - HOUSING : HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK
 - PIN : COPPER ALLOY
 - HOLD-DOWN : BRASS
 - FINISH
 - PIN
 - UNDER PLATING : 0.5µm MIN. Ni.
 - CONTACT AREA 1 : 0.076 µm MIN. GOLD
 - CONTACT AREA 2 : 0.076 µm MIN. GOLD (FOR -XXXMLF).
 - SOLDER AREA : 2.5µm MIN. Sn-Pb.
 - OR 2.5µm MIN. PURE Sn.(FOR -XXXLF&XXXMLF)
 - HOLD-DOWN : 2.5µm MIN. PURE Sn.
 - RECOMMENDED PCB HOLE (OPTIONAL HOLD-DOWN) : 2.3±0.1
 - SEQUENCE PIN ASSIGNMENT
- | | DIM "I" | | |
|---------|----------|---------|----------|
| | 4.25±0.1 | 3.5±0.1 | 5.0±0.1 |
| PIN No. | OTHERS | 36.67 | 36.51.68 |
- GENERAL TOLERANCE : ±0.3
 - SEE SHEET 1 REGARDING COMPONENTS.
 - THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008

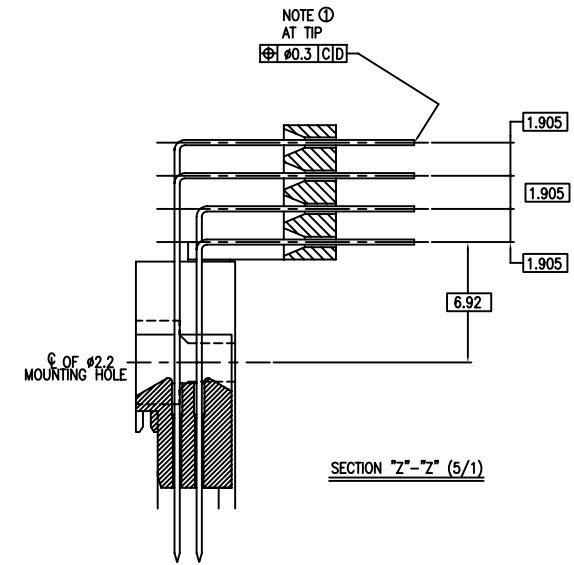
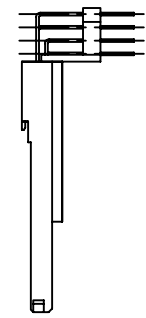
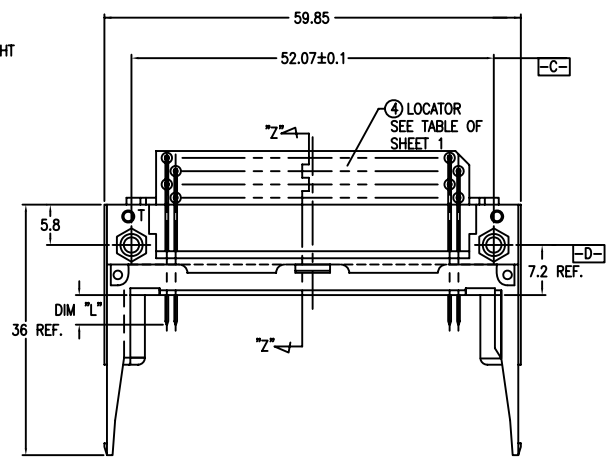
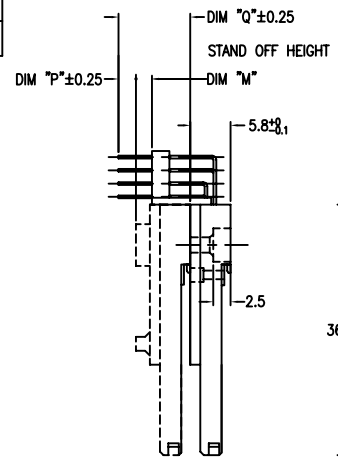
mat'l. code				surface ISO 1302		tolerance ISO 406 ISO 1101		projection 		product family PCMCIA			
ltr	ecn no	dr	date	tolerances unless otherwise specified					title				
AM				angles	linear	0.X±0.3			68 POS EJECTOR HEADER ASSY FOR 5.0V APPLICATION				
						0.XX±0.13							
						±2° 0.XXX±0.051			scale				
				dr	Mike Zhou	11/21/06			dwg no		sheet 3 of 7		size
				engr	Mike Zhou	11/21/06			92140				A4
				chr	David Qin	11/21/06							
				appd	Jack Wang	11/21/06							
sheet index		revision sheet							type		CUSTOMER		Drawing

FCI CONFIDENTIAL

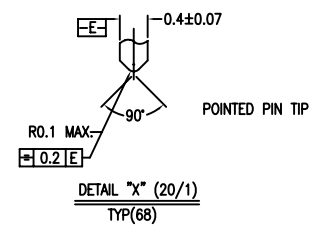
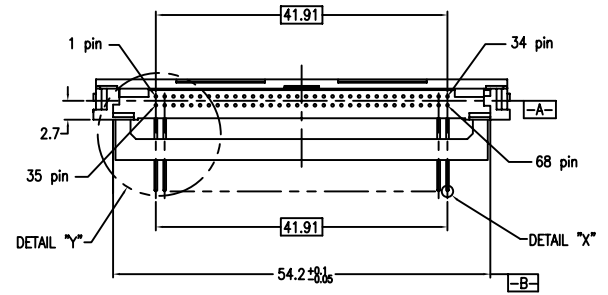
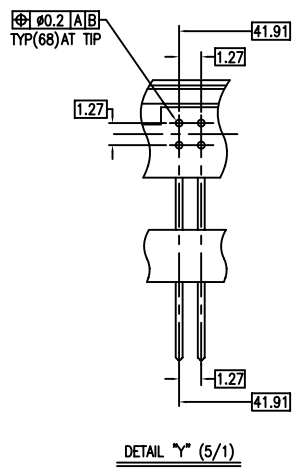


This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI.
Copyright FCI

PRODUCT NO.
92140-005
92140-005LF
92140-045
92140-045LF



SECTION "Z"-Z" (5/1)



NOTES

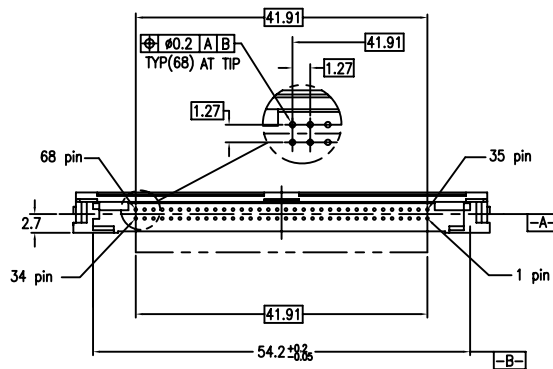
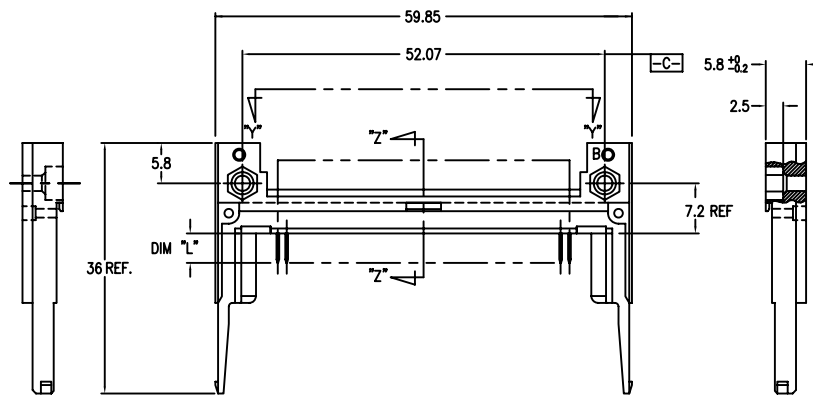
- TRUE POSITION IS A FREE GRID TO PIN PATTERN ITSELF.
- SEE TA-946 FOR PCB LAYOUT.
- MATERIAL
HOUSING : HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK
PIN : COPPER ALLOY
HOLD-DOWN : BRASS
- FINISH
PIN
UNDER PLATING : 0.5µm MIN. Ni.
CONTACT AREA : 0.076 µm MIN. GOLD
SOLDER AREA : 2.5µm MIN. Sn-Pb.
OR 2.5µm MIN. PURE Sn.(FOR -XXXLF)
HOLD-DOWN : 2.5µm MIN. PURE Sn.
- RECOMMENDED PCB HOLE (OPTIONAL HOLD-DOWN) : 2.3±0.1
- SEQUENCE PIN ASSIGNMENT

PIN No.	DIM "P"		
	4.25±0.1	3.5±0.1	5.0±0.1
OTHERS	17.24	36.67	38.31±0.08

- GENERAL TOLERANCE : ±0.3
- SEE SHEET 1 REGARDING COMPONENTS.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008

mat'l. code				surface ISO 1302		tolerance ISO 406 ISO 1101		projection 		product family PCMCIA			
ltr		ecn no		dr		date		tolerances unless otherwise specified		title			
AM								angles		linear		68 POS EJECTOR HEADER ASSY	
								O.X±0.3		MM		FOR 5.0V APPLICATION	
								O.XX±0.13					
								±2°		O.XXX±0.051		scale	
								dr		Mike Zhou		11/21/06	
								enr		Mike Zhou		11/21/06	
								chr		David Qin		11/21/06	
								appd		Jack Wang		11/21/06	
												dwg no	
												sheet 4 of 7	
												size	
												A4	
												type	
												CUSTOMER	
												Drawing	
sheet		revision											
index		sheet											

PRODUCT NO.
92140-500
92140-500LF
92140-500H
92140-500HLF
92140-501
92140-501LF
92140-501H
92140-501HLF
92140-502
92140-502LF
92140-502H
92140-502HLF
92140-503
92140-503LF



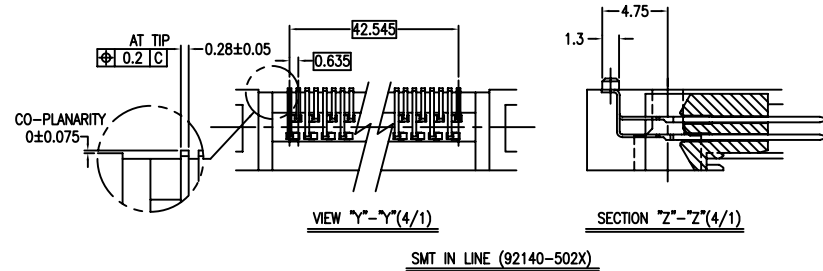
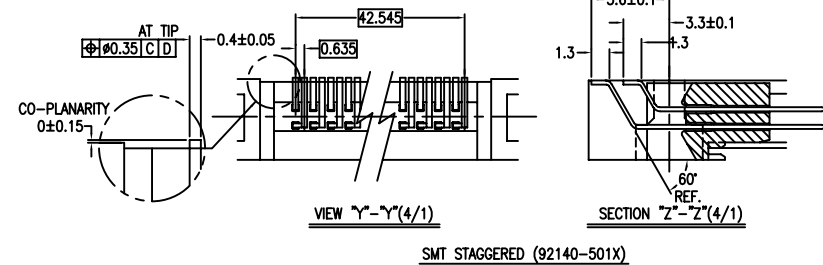
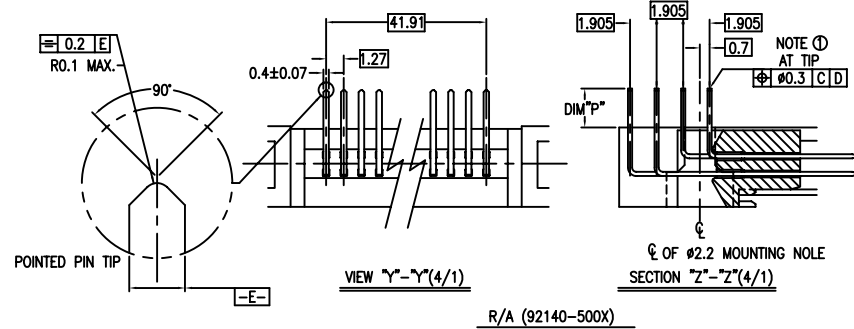
NOTES

- TRUE POSITION IS A FREE GRID TO PIN PATTERN ITSELF.
- SEE TA-946 FOR PCB LAYOUT.
- MATERIAL
HOUSING : HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK
PIN : PHOSPHOR BRONZE.
HOLD-DOWN : BRASS
- FINISH
PIN
UNDER PLATING : 0.5µm MIN. Ni.
CONTACT AREA : 0.076 µm MIN. GOLD

SOLDER AREA : 2.5µm MIN. Sn-Pb.
OR 2.5µm MIN. PURE Sn.(FOR -XXXLF)
HOLD-DOWN : 2.5µm MIN. PURE Sn.
- RECOMMENDED PCB HOLE (OPTIONAL HOLD-DOWN) : 2.3±0.1
- SEQUENCE PIN ASSIGNMENT

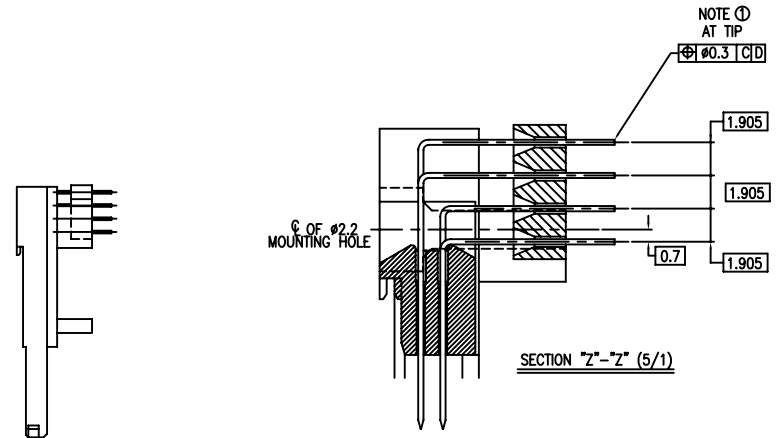
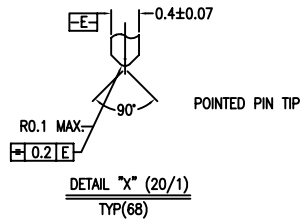
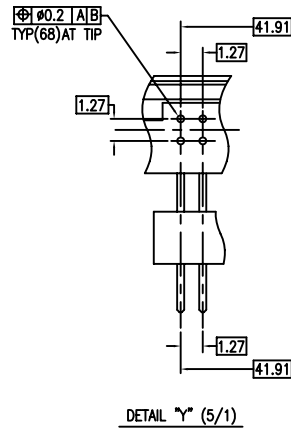
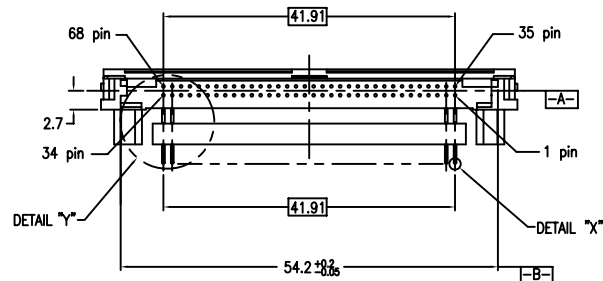
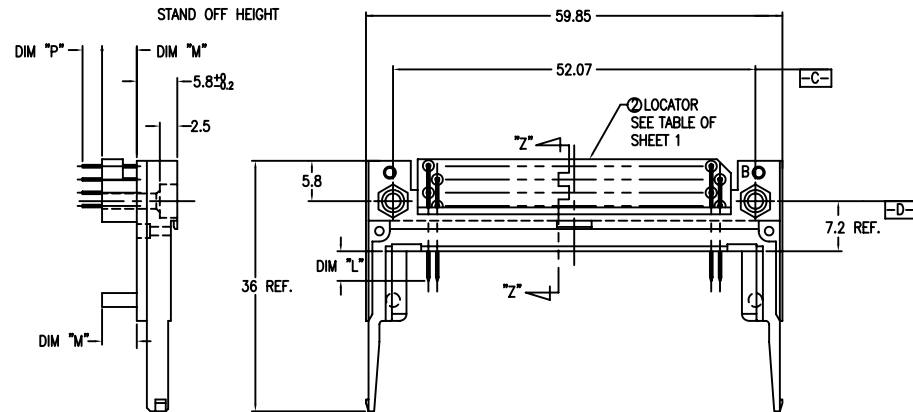
	DIM "L"		
	4.25±0.1	3.5±0.1	5.0±0.1
PIN No.	OTHERS	36,67	35,51,68

- GENERAL TOLERANCE : ±0.3
- SEE SHEET 1 REGARDING COMPONENTS.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008



mat'l. code				surface	tolerance	projection	product family		
				ISO 1902	ISO 406 ISO 1101		PCMCIA		
ltr	ecn no	dr	date	angles	linear		title		
AM				±2°	0.X±0.3 0.XX±0.13 0.XXX±0.051	MM	68 POS EJECTOR HEADER ASSY FOR 5.0V APPLICATION		
				dr	Mike Zhou	11/21/06	dwg no		
				enrg	Mike Zhou	11/21/06	92140		
				chr	David Qin	11/21/06	sheet 5 of 7		
				appd	Jack Wang	11/21/06	size		
sheet index				revision			type		
				sheet			CUSTOMER Drawing		

PRODUCT NO.		
92140-510	92140-510LF	92140-510HLF
92140-520	92140-520LF	
92140-520H	92140-520HLF	
92140-530	92140-530LF	
92140-540	92140-540LF	



NOTES

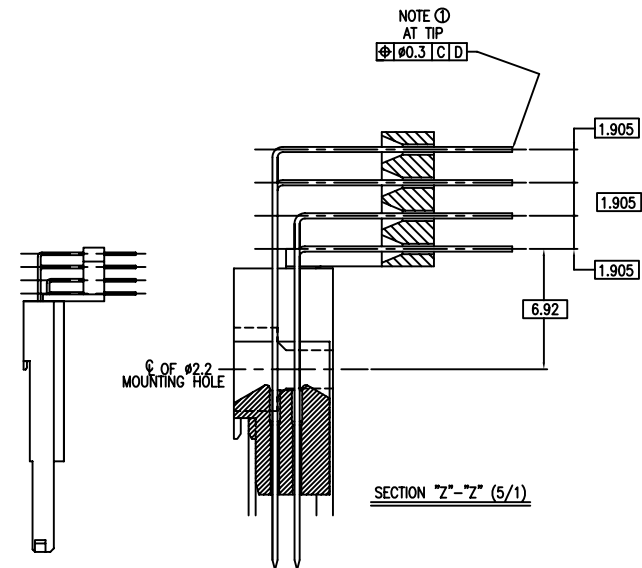
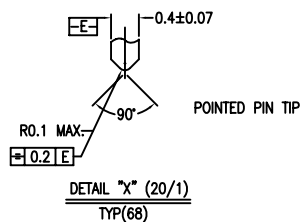
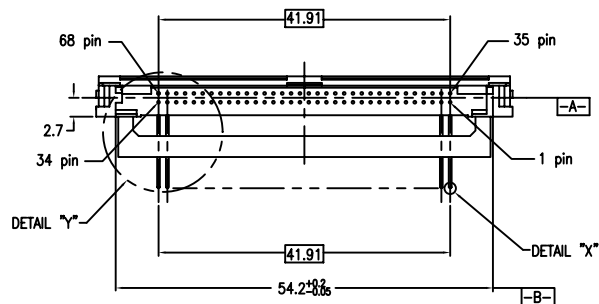
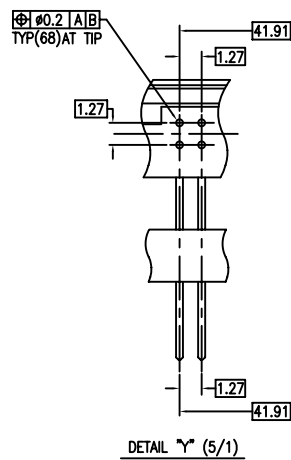
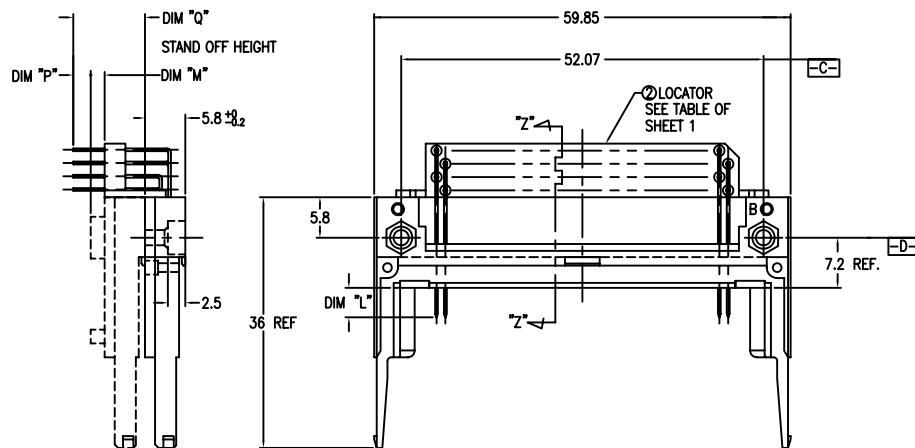
- TRUE POSITION IS A FREE GRID TO PIN PATTERN ITSELF.
- SEE TA-946 FOR PCB LAYOUT.
- MATERIAL
HOUSING : HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK
PIN : COPPER ALLOY.
HOLD-DOWN : BRASS
- FINISH
PIN
UNDER PLATING : 0.5μm MIN. Ni.
CONTACT AREA : 0.076 μm MIN. GOLD
SOLDER AREA : 2.5μm MIN. Sn-Pb.
OR 2.5μm MIN. PURE Sn.(FOR -XXXLF)
HOLD-DOWN : 2.5μm MIN. PURE Sn.
- RECOMMENDED PCB HOLE (OPTIONAL HOLD-DOWN) : 2.3±0.1
- SEQUENCE PIN ASSIGNMENT

PIN No.	DIM "L"		
	4.25±0.1	3.5±0.1	5.0±0.1
OTHERS	36.67	35.51	36.67

- GENERAL TOLERANCE : ±0.3
- SEE SHEET 1 REGARDING COMPONENTS.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008

mat'l. code				surface	tolerance	projection	product family		
				ISO 1302	ISO 406	ISO 101	PCMCIA		
ltr				ecn no	dr	date	title		
AM							68 POS EJECTOR HEADER ASSY		
							FOR 5.0V APPLICATION		
							dwg no		
							92140		
							sheet 6 of 7		
							A4		
							type		
							CUSTOMER Drawing		
sheet				revision					
index				sheet					

PRODUCT NO.
92140-505
92140-505LF
92140-535
92140-535LF
92140-545
92140-545LF



NOTES

- TRUE POSITION IS A FREE GRID TO PIN PATTERN ITSELF.
- SEE TA-946 FOR PCB LAYOUT.
- MATERIAL
HOUSING : HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK
PIN : COPPER ALLOY.
HOLD-DOWN : BRASS
- FINISH
PIN
UNDER PLATING : 0.5µm MIN. Ni.
CONTACT AREA : 0.076 µm MIN. GOLD
SOLDER AREA : 2.5µm MIN. Sn-Pb.
OR 2.5µm MIN. PURE Sn.(FOR -XXXLF)
HOLD-DOWN : 2.5µm MIN. PURE Sn.
5. RECOMMENDED PCB HOLE (OPTIONAL HOLD-DOWN) : 2.3±0.1
6. SEQUENCE PIN ASSIGNMENT

PIN No.	DIM "L"		
	4.25±0.1	3.5±0.1	5.0±0.1
OTHERS	36.67	1.1734	35.5768

- GENERAL TOLERANCE : ±0.3
- SEE SHEET 1 REGARDING COMPONENTS.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
- PRODUCT SPEC: 110-263

mat'l. code				surface	tolerance	projection	product family PCMCIA		
ltr				ecn no	dr	date	title		
AM							68 POS EJECTOR HEADER ASSY FOR 5.0V APPLICATION		
				angles	linear		dwg no		
				±2°			92140		
				dr	Mike Zhou	11/21/06	sheet 7 of 7		
				enr	Mike Zhou	11/21/06	A4		
				chr	David Qin	11/21/06	type CUSTOMER Drawing		
				appd	Jack Wang	11/21/06			
sheet index				revision	sheet				