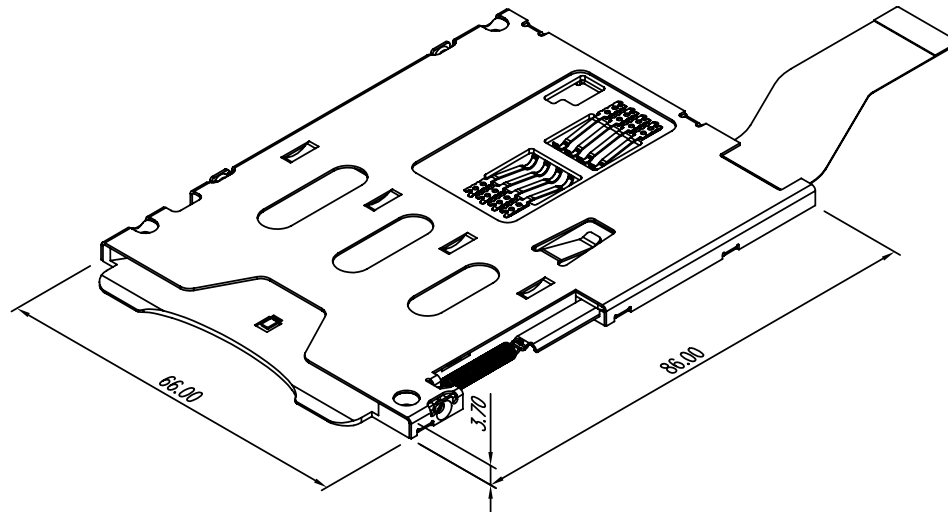




Copyright FCI.



PRODUCT NO.	APPEARANCE	COMPONENTS	FPC	EJECT	PACKAGING	MAIN BODY	REMARK
55640-10101(LF)	BLUE	N/A	52534-002(LF)	55644-001	340391-001	55641-001	
55640-20301(LF)	BLUE	N/A	10115336-001	55644-001	340391-101	55641-001	
55640-23201(LF)	BLUE	10018024-001	52534-004(LF)	55644-001	340391-201	55641-002	
55640-20201(LF)	BLUE	N/A	52534-004(LF)	55644-001	340391-201	55641-002	
55640-20202(LF)	BLUE	10062236-001	52534-004(LF)	55644-001	10062267-02-001	55641-002	
55640-23301(LF)	BLUE	10018024-001	52534-006(LF)	55644-001	340391-201	55641-002	
55640-20211(LF)	BLUE	N/A	52534-004(LF)	55644-002	340391-201	55641-003	FOR MOTOROLA
55640-30201(LF)	BLUE	N/A	10093563-001<FFC>	55644-002	340391-201	55641-002	FOR MITAC

NOTE :

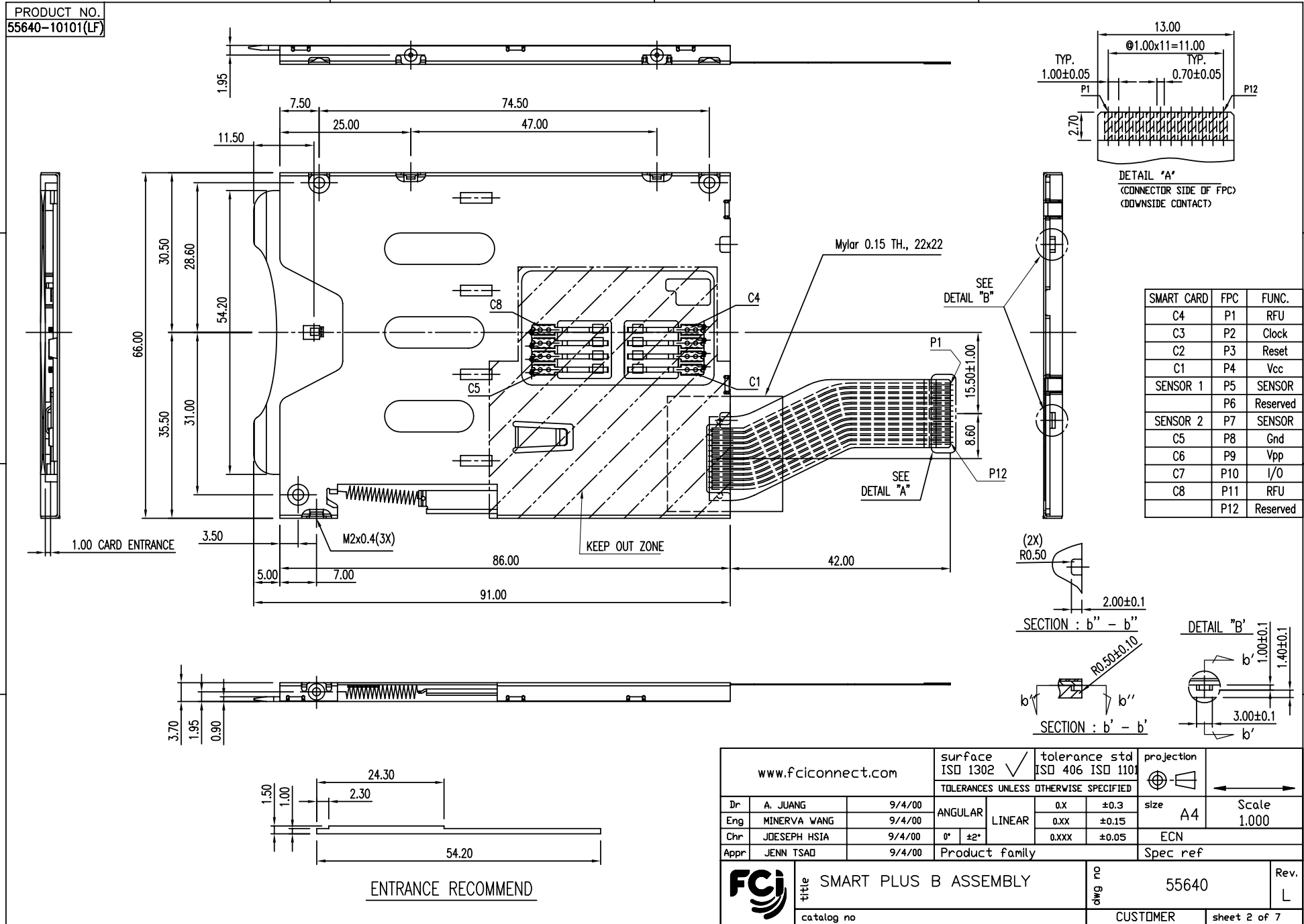
- SMART CARD READER FOR LOWER PROFILE HEIGHT OF 3.6 mm.
- TOTAL CIRCUIT RESISTANCE PER ONE LOOP SHALL NOT EXCEED 200 MILLIOHMS.
- THE INSERTION & EJECTING FORCE < 650g.
- MATERIALS :
CONTACTS : COPPER ALLOY, GOLD OVER NICKEL ON CONTACT AREA.
HOUSING : THERMOPLASTIC POLYCARBONATE.
COVER : STAINLESS STEEL.
- ENVIRONMENT :
STORAGE TEMPERATURE : FROM -40°C TO 85°C.
OPERATION TEMPERATURE : FROM -20°C TO 70°C.
- ORDER DATAS : 55640-X X X X X LF
LEAD FREE OPTION
PACKAGING
EJECT
FPC SHAPE
CUSTOMIZED COMPONENTS OPTIONS
GUIDE PLATE
- IF LEAD FREE P/N, GS-14-920 SHOULD BE APPLIED.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

rev	ecn no	dr	date
J	N08-0158	SH	08/01/08
K	N09-0283	SH	26/08/09
L	N10-0227	SH	19/07/10
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com			surface 6.4 ISO 1302	tolerance std ISO 406 ISO 1101	projection size A4	Scale 1.000
TOLERANCES UNLESS OTHERWISE SPECIFIED			ANGULAR	LINEAR	0.X ±0.3	0.XX ±0.15
Dr A. JUANG 9/4/00			0° ±2°	0.XXX ±0.05	ECN	
Eng MINERVA WANG 9/4/00			Product family			Spec ref
Chr JOSEPH HSIA 9/4/00			Appr JENN TSAD 9/4/00			
FCI			title SMART PLUS B ASSEMBLY			Rev. L
catalog no			dwg no 55640			sheet 1 of 7
			CUSTOMER			



Copyright FCI.



REV F - 2008-04-17

PDM: Rev:L

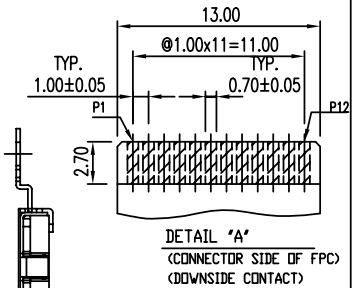
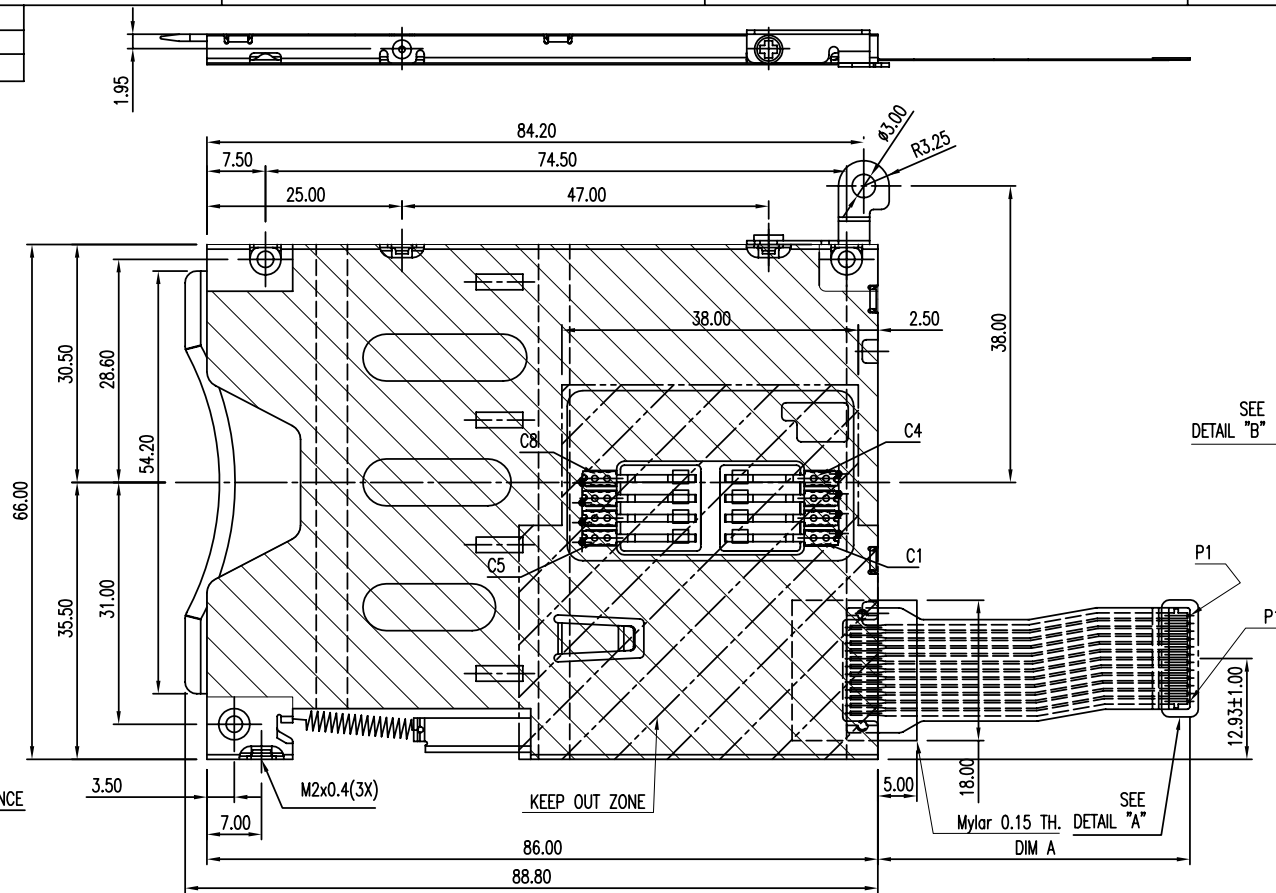
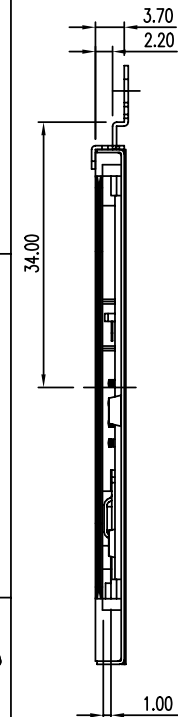
STATUS: Released

Printed: Aug 06, 2010



Copyright FCI.

PRODCUT NO.	DIM A
55640-23201(LF)	40
55640-23301(LF)	60



SMART CARD	FPC	FUNC.
C4	P1	RFU
C3	P2	Clock
C2	P3	Reset
C1	P4	Vcc
SENSOR 1	P5	SENSOR
	P6	Reserved
SENSOR 2	P7	SENSOR
C5	P8	Gnd
C6	P9	Vpp
C7	P10	I/O
C8	P11	RFU
	P12	Reserved



www.fciconnect.com			surface ISO 1302 ✓		tolerance std ISO 406 ISO 1101		projection 			
			TOLERANCES UNLESS		OTHERWISE SPECIFIED					
Dr	A. JUANG	9/4/00	ANGULAR		LINEAR	0.X	±0.3	size	A4	Scale 1.000
Eng	MINERVA WANG	9/4/00				0.XX	±0.15			
Chr	JDESEPH HSIA	9/4/00	0° ±2°			0.XXX	±0.05	ECN		
Appr	JENN TSAD	9/4/00	Product family					Spec ref		
	title SMART PLUS B ASSEMBLY					dwg no 55640			Rev. L	
	catalog no					CUSTOMER			sheet 3 of 7	

REV F - 2008-04-17

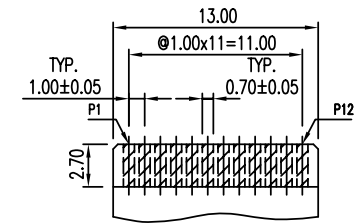
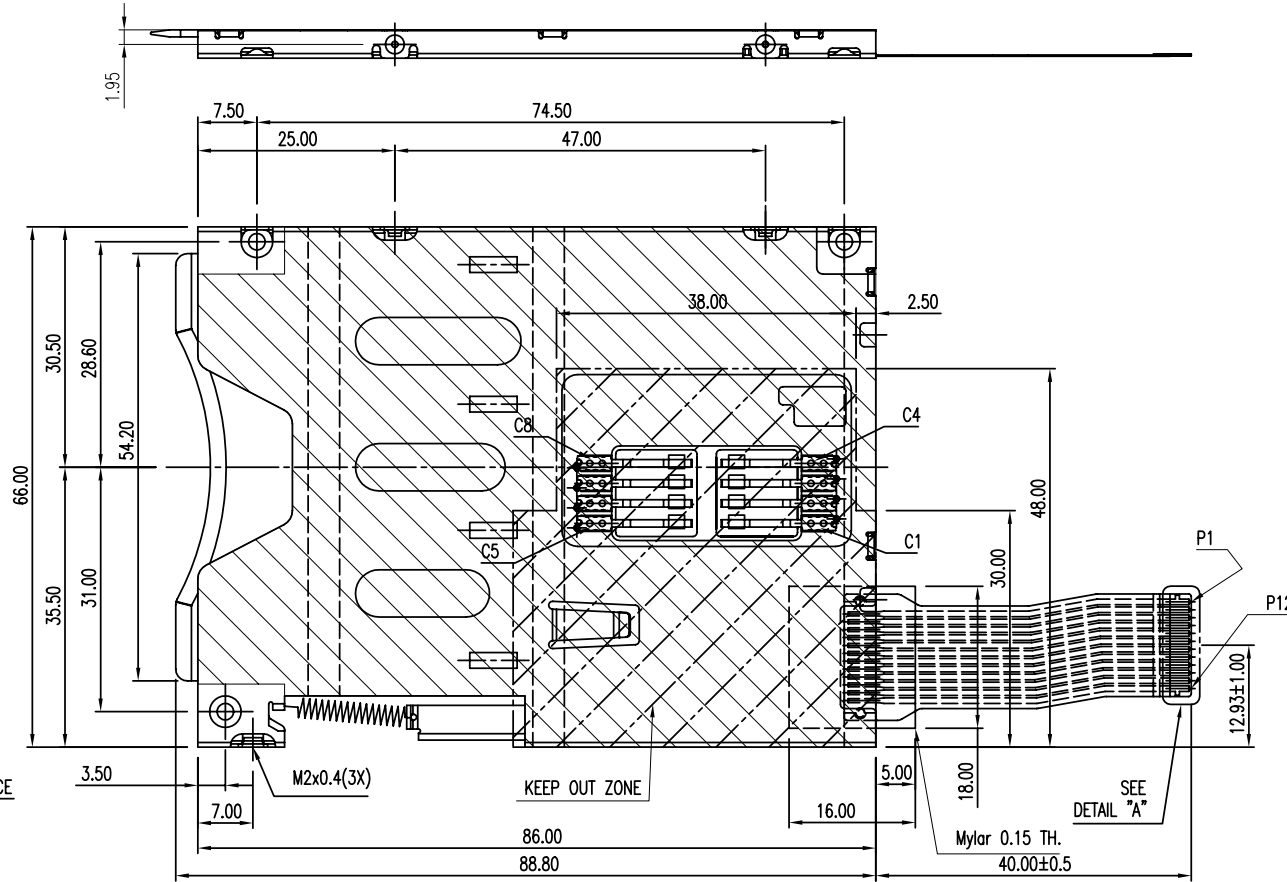


Copyright FCI.

PRODUCT NO.
55640-20201(LF)
55640-20211(LF)



1.00 CARD ENTRANCE



SMART CARD	FPC	FUNC.
C4	P1	RFU
C3	P2	Clock
C2	P3	Reset
C1	P4	Vcc
SENSOR 1	P5	SENSOR
	P6	Reserved
SENSOR 2	P7	SENSOR
C5	P8	Gnd
C6	P9	Vpp
C7	P10	I/O
C8	P11	RFU
	P12	Reserved

KEEP OUT ZONE
MYLAR

ENTRANCE RECOMMEND

www.fciconnect.com			surface ISO 1302 ✓		tolerance std ISO 406 ISO 1101		projection	
			TOLERANCES UNLESS OTHERWISE SPECIFIED				size A4	
Dr	A. JUANG	9/4/00	ANGULAR	LINEAR	0.X	±0.3	Scale 1.000	
Eng	MINERVA WANG	9/4/00	0°	±2°	0.XX	±0.15	ECN	
Chr	JOSEPH HSIA	9/4/00	Product family		0.XXX	±0.05	Spec ref	
Appr	JENN TSAO	9/4/00	title SMART PLUS B ASSEMBLY		dwg no 55640		Rev. L	
catalog no			CUSTOMER		sheet 4 of 7			

REV F - 2008-06-17



Copyright FCI.

PRODUCT NO
55640-20202LF

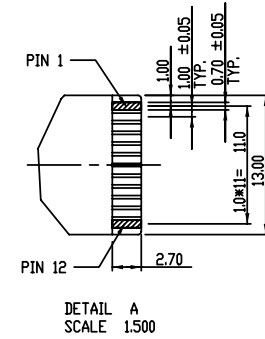
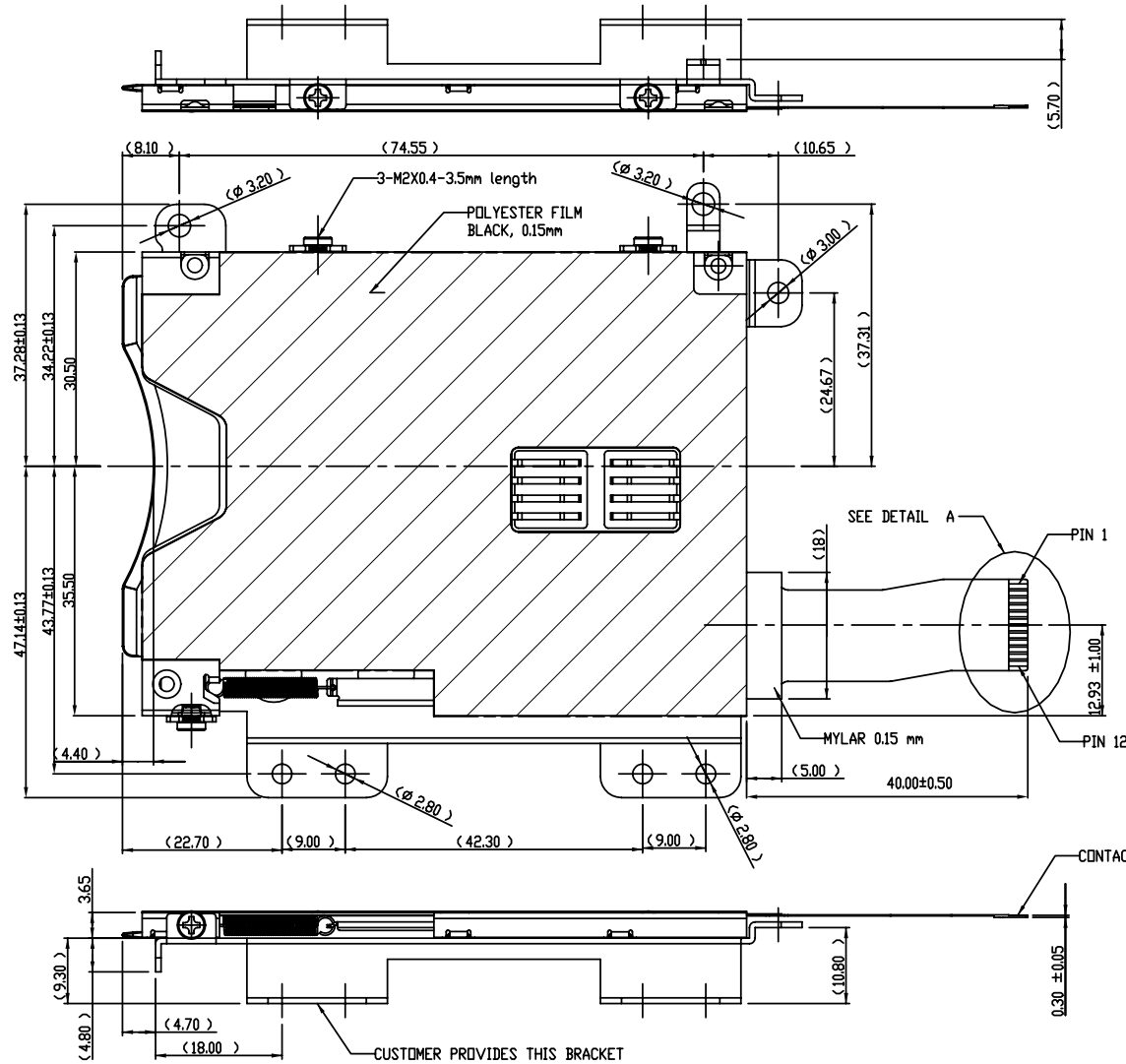
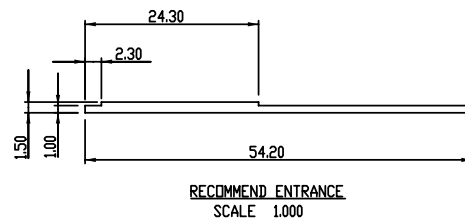
A

B

C

D

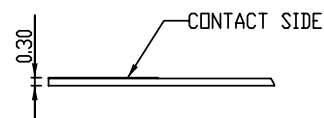
REV F - 2006-04-17



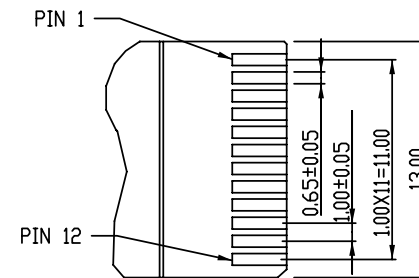
SMART CARD	FPC	FUNC.
C4	P1	RFU
C3	P2	Clock
C2	P3	Reset
C1	P4	Vcc
SENSOR 1	P5	SENSOR
	P6	Reserved
SENSOR 2	P7	SENSOR
C5	P8	Gnd
C6	P9	Vpp
C7	P10	I/O
C8	P11	RFU
	P12	Reserved

www.fciconnect.com			surface ISO 1302 ✓		tolerance std ISO 406 ISO 1101		projection 				
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	A. JUANG	9/4/00	ANGULAR		LINEAR		0.X	±0.3	size	A4	Scale 1.000
Eng	MINERVA WANG	9/4/00					0.XX	±0.15			
Chr	JOSEPH HSIA	9/4/00	0° ±2°				0.XXX	±0.05	ECN		
Appr	JENN TSAO	9/4/00	Product family						Spec ref		
		title SMART PLUS B ASSEMBLY					dwg no 55640			Rev. L	
		catalog no					CUSTOMER			sheet 5 of 7	

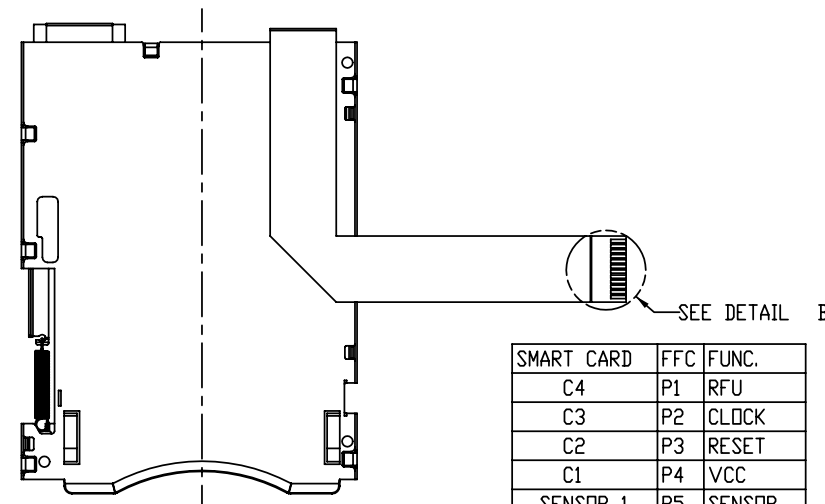
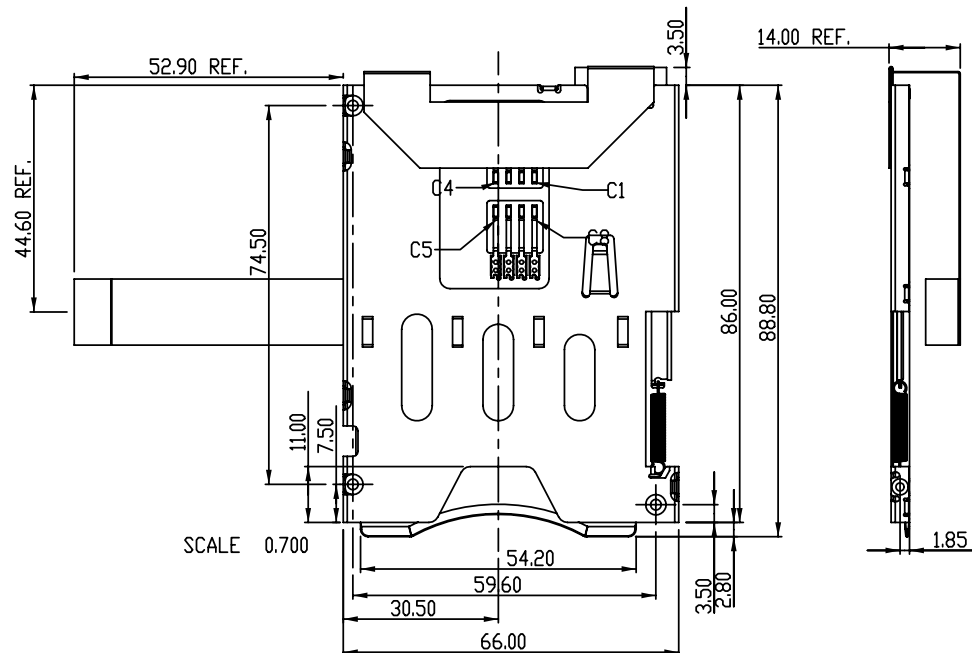
PRODUCT NO.
55640-30201LF



CONTACT SIDE
SUPPORTING TAPE
DETAIL A
SCALE 5.000



DETAIL B
SCALE 2.500



SMART CARD	FFC	FUNC.
C4	P1	RFU
C3	P2	CLOCK
C2	P3	RESET
C1	P4	VCC
SENSOR 1	P5	SENSOR
	P6	Reserved
SENSPR 2	P7	SENSOR
C5	P8	GND
C6	P9	VPP
C7	P10	I/O
C8	P11	RFU
	P12	Reserved

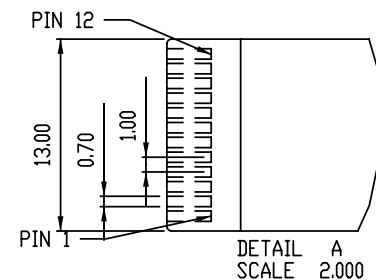
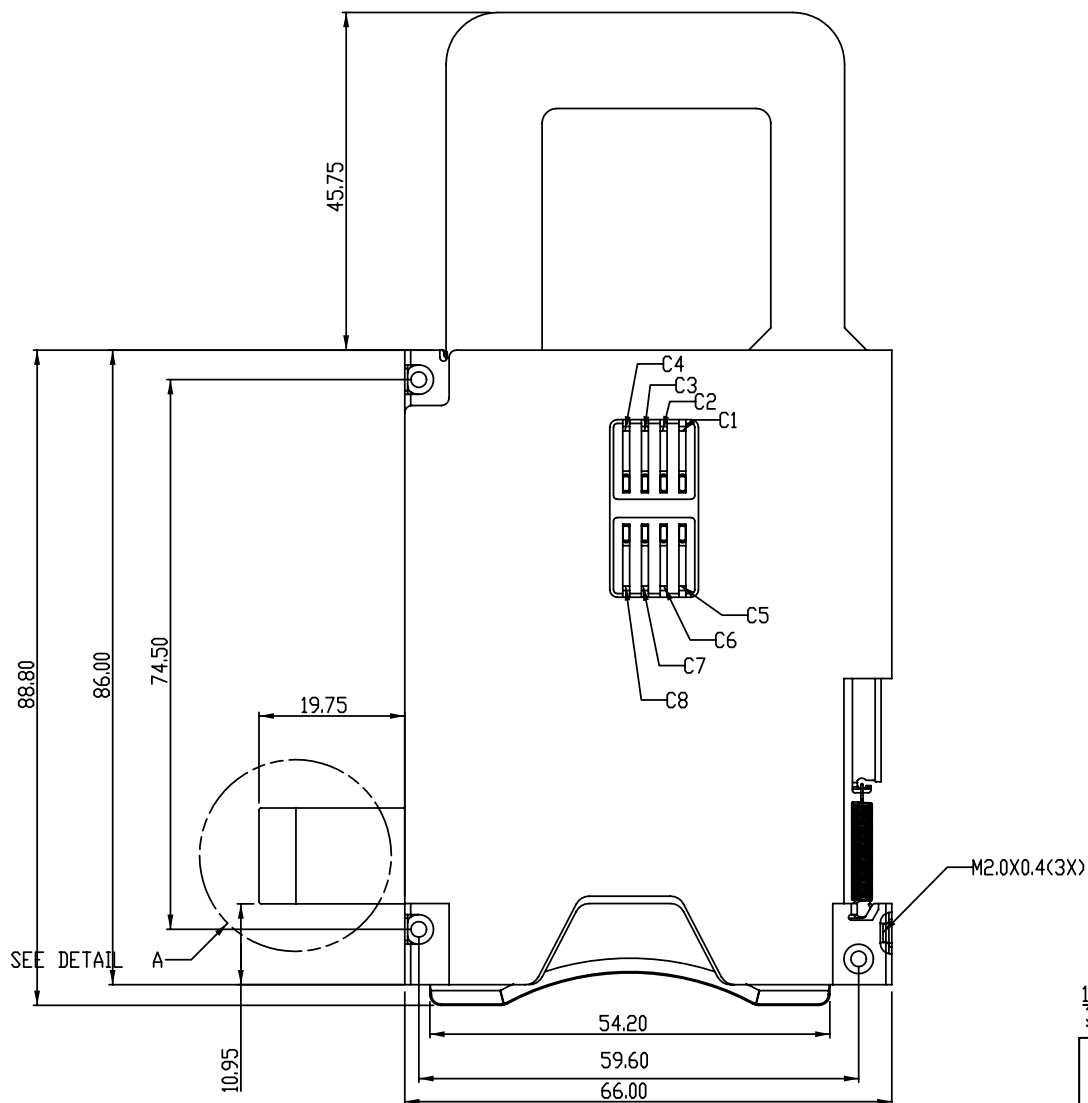
www.fciconnect.com			surface ISO 1302 ✓		tolerance std ISO 406 ISO 1101		projection 				
			TOLERANCES UNLESS		OTHERWISE SPECIFIED						
Dr	A. JUANG	9/4/00	ANGULAR	LINEAR	0.X	±0.3	size A4	Scale 1.000			
Eng	MINERVA WANG	9/4/00			0.XX	±0.15					
Chr	JOSEPH HSIA	9/4/00			0.XXX	±0.05					
Appr	JENN TSAD	9/4/00	Product family					ECN			
			Spec ref								
	title SMART PLUS B ASSEMBLY					dwg no 55640		Rev L			
	catalog no										
						CUSTOMER					sheet 6 of 7

REV F - 2006-04-17



Copyright FCI.

PRODUCT NUMBER
55640-20301LF



SMART CARD	FPC	FUNC.
C4	P1	RFU 4
C3	P2	CLOCK
C2	P3	RESET
C1	P4	Vcc
SENSOR 1	P5	SENSOR
	P6	RESERVED
SENSOR 2	P7	SENSOR
C5	P8	Gnd
C6	P9	Vpp
C7	P10	I/O
C8	P11	RFU 8
	P12	RESERVED

- NOTE:
1. Material:
METAL SHELL: STAINLESS STEEL, T=0.40mm
PCB: FR-4, T=0.80mm
TERMINAL: PHOSPHOR BRONZE.
PLATING SPEC AS BELOW:
ALL OVER NICKEL UNDERPLATING
PURE TIN PLATING ON CONTACT SURFACE.
AND SOLDER TAIL.
2. CARD DETECTION SWITCH NORMALLY OPEN WITHOUT MATING CARD

www.fciconnect.com			surface - ✓		tolerance std		projection 			
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	A. JUANG	9/4/00	ANGULAR	LINEAR	0.X	±0.3	size	A4	Scale	1.000
Eng	MINERVA WANG	9/4/00			0.XX	± 0.15				
Chr	JOSEPH HSIA	9/4/00	0° ±2°		0.XXX	±0.05			ECN	
Appr	JENN TSAO	9/4/00	Product family -				Spec ref			
		title SMART PLUS B ASSEMBLY				dwg no 55640		Rev L		
		catalog no -				CUSTOMER		sheet 7 of 7		

REV F - 2006-04-17

PDM: Rev:L

STATUS: Released

Printed: Aug 06, 2010