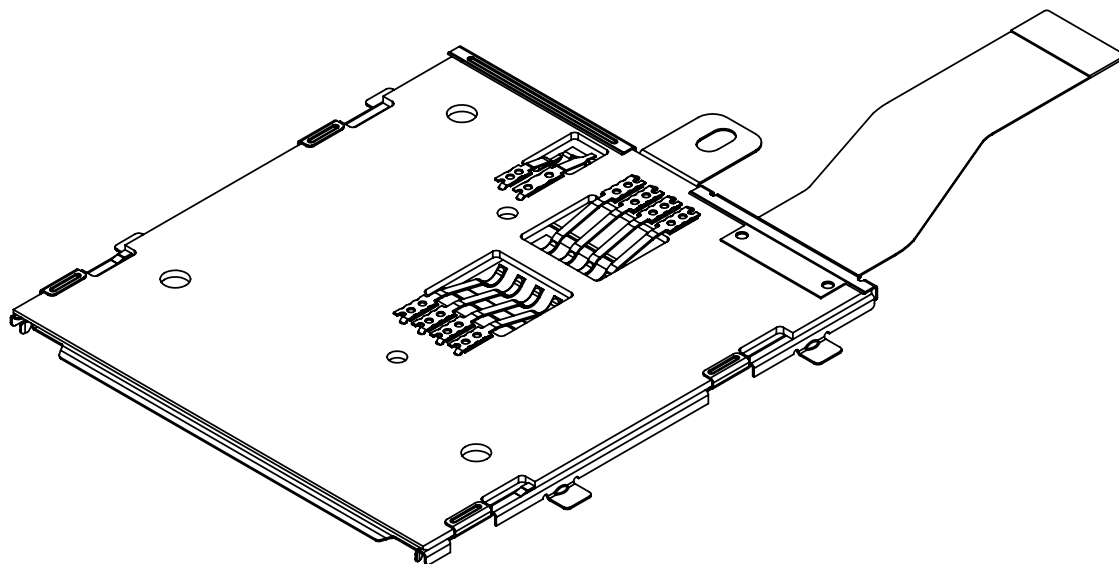




PRODUCT NO.	FPC	PACKAGING	COMPONENTS	LEAD FREE	PCB COLOR
10010556-002LF	10010559-002LF	10017475-02-002	ELEC. PARTS	YES	BLUE
10010556-003LF	10105325-001	10017475-02-009	N/A	YES	BLACK
10010556-004LF	10056226-002LF(FFC)	10017475-02-004	N/A	YES	BLUE
10010556-006LF	10058983-001LF	10017475-02-003	N/A	YES	BLACK
10010556-005LF	10056226-003LF(FFC)	10017475-02-004	N/A	YES	BLUE
10010556-007LF	10081578-001	10017475-02-006	N/A	YES	BLACK
10010556-008LF	10056226-004LF(FFC)	10017475-02-003	N/A	YES	BLUE
10010556-009LF	10083983-001(FFC)	10017475-02-008	N/A	YES	BLUE
10010556-010LF	10056226-005LF(FFC)	340391-202	N/A	YES	GREEN
10010556-011LF	10087561-001	10017475-02-007	N/A	YES	BLUE
10010556-012LF	10087561-002	10017475-02-007	N/A	YES	BLUE
10010556-013LF	10088568-001	10017475-02-006	N/A	YES	BLACK
10010556-014LF	10087561-004	10017475-02-004	N/A	YES	BLUE
10010556-015LF	10099689-001(FFC)	10017475-02-006	N/A	YES	BLACK
10010556-016LF	10056226-006LF(FFC)	340391-202	N/A	YES	GREEN
10010556-017LF	10056226-007LF(FFC)	340391-202	N/A	YES	GREEN
10010556-018LF	10107293-001(FFC)	10017475-02-004	N/A	YES	GREEN

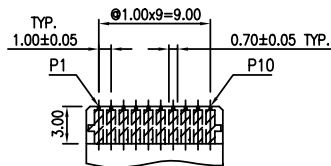
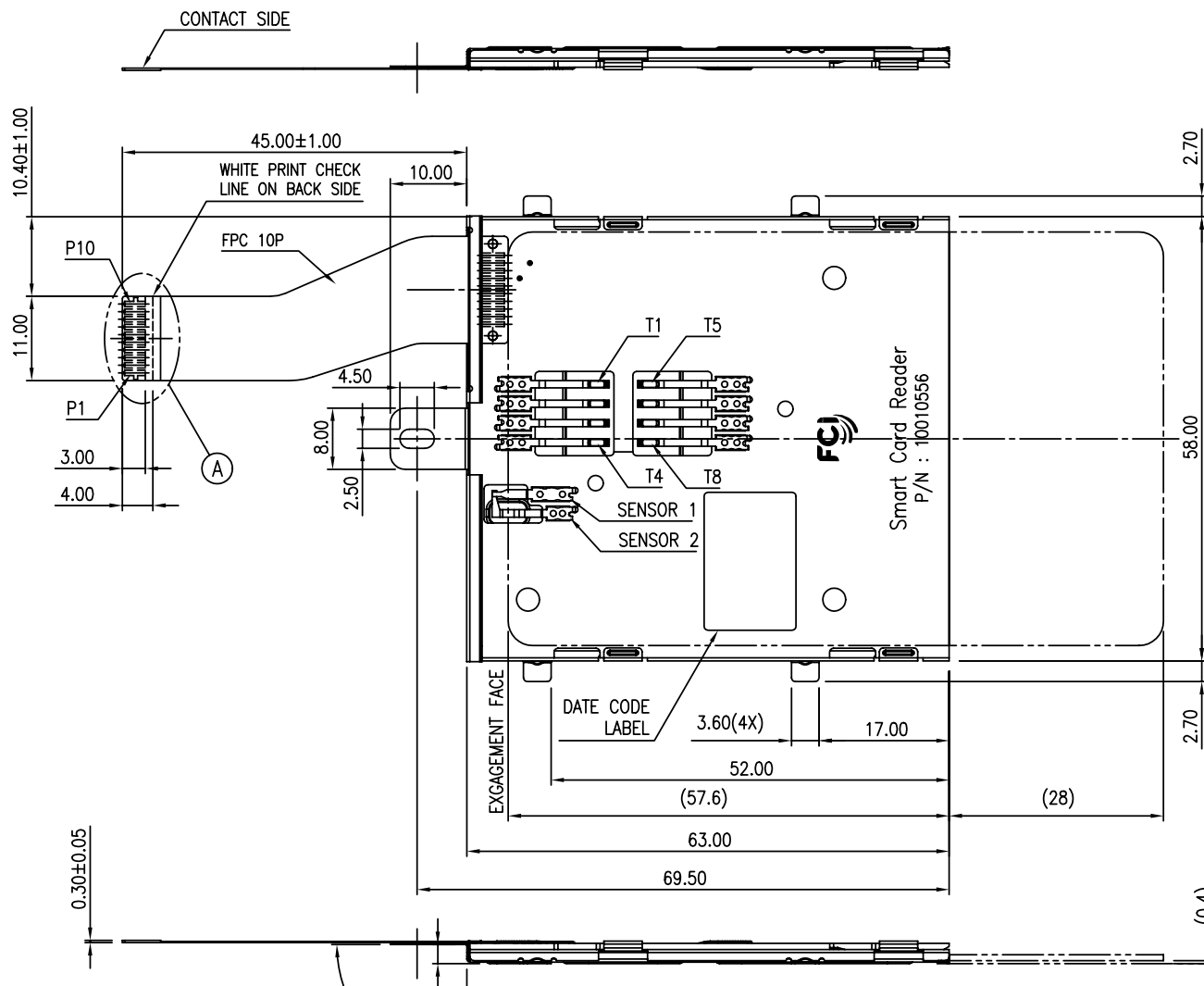


NOTE :

1. SMART CARD READER FOR LOWER PROFILE HEIGHT OF 3.0 mm.
2. TOTAL CIRCUIT RESISTANCE PER ONE LOOP SHALL NOT EXCEED 100 MILLIOHMS.
3. MATERIALS :
CONTACTS : COPPER ALLOY, GOLD OVER NICKEL ON CONTACT AREA.
TOP PCB : FR4.
COVER : STAINLESS STEEL.
4. ENVIRONMENT :
STORAGE TEMPERATURE : FROM -40°C TO 100°C.
OPERATION TEMPERATURE : FROM -40°C TO 85°C.

mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY		FCI www.fciconnect.com			
ltr	ecn no	dr	date	linear	.X ± 0.5		projection 	title	SMART CARD READER ASSEMBLY			
R	N08-0136	SH	07/07/08		.XX ± 0.30							
S	N08-0212	SH	10/06/08		.XXX ± 0.10							
T	N09-0224	SH	7/15/09	angles	0° ± 2°		MM 	scale	NONE	A3	product family 95	code —
U	N09-0306	SH	10/13/09	dr	A.JUANG 6/7'02							
V	N10-0058	SH	3/3/10	enrg	A.JUANG 6/7'02							
				chr	A.JUANG 6/7'02							
				appd	JENN.TSAO 6/7'02							
sheet index	revision sheet											sheet 1 of 20

PRODUCT NO.
10010556-002LF



SMART CARD	TERMINAL	FPC	FUNC.
C4	T4	P1	RFU
C3	T3	P2	Clock
C2	T2	P3	Reset
C1	T1	P4	Vcc
SENSOR 1	SENSOR 1	P5	SENSOR
SENSOR 2	SENSOR 2	P6	SENSOR
C5	T5	P7	Gnd
C6	T6	P8	Vpp
C7	T7	P9	I/O
C8	T8	P10	RFU

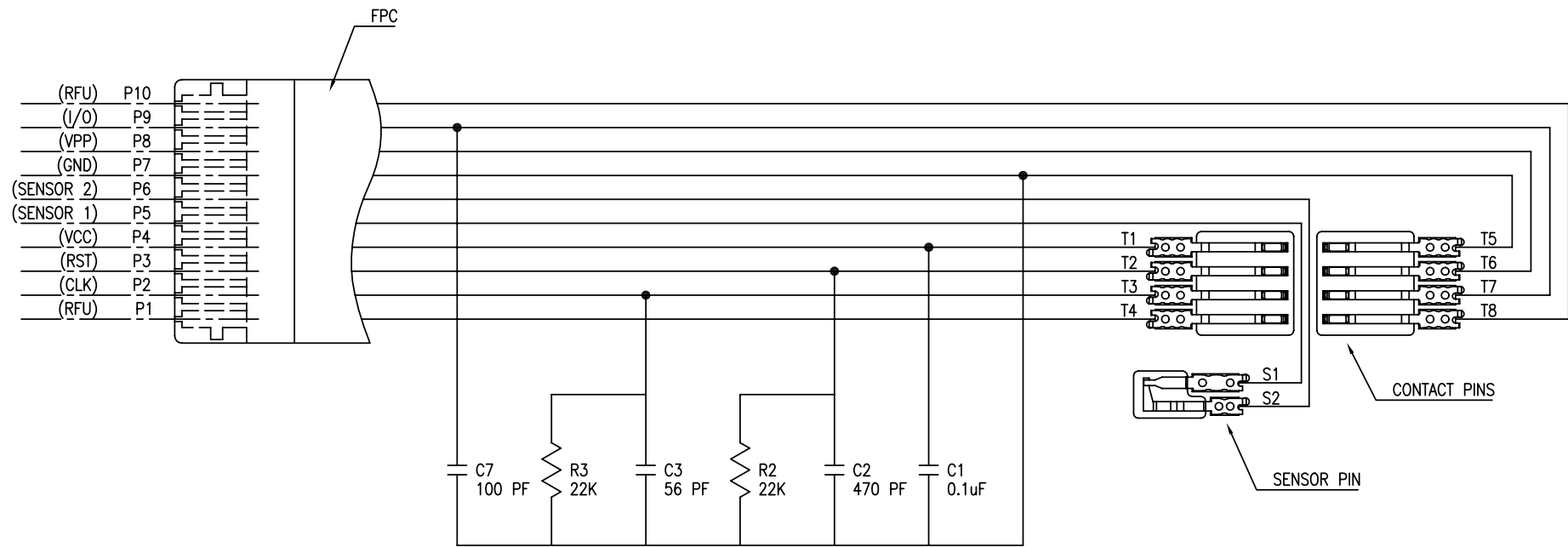
mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		FCI		www.fciconnect.com	
ltr	ecn no	dr	date	linear	.X ± .5		projection 	title SMART CARD READER ASSEMBLY			
v					.XX ± .30						
					.XXX ± .10						
				angles	0° ± 2°			product family SMART PLUS size dwg no A3 10010556			
				dr	A. JUANG	6/7/'02					
				engr	A. JUANG	6/7/'02					
				chr	A. JUANG	6/7/'02	scale NONE	sheet 2 of 18			
				appd	JENN TSAO	6/7/'02					
sheet index		revision sheet									

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FCI

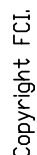
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PRODUCT NO.
10010556-002LF



mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY				www.fciconnect.com		
ltr	ecn no	dr	date	linear	.X ± .5			projection 	title SMART CARD READER ELEC. PASSIVE COMPONENTS CIRCUIT	product family SMART PLUS size dwg no A3 10010556			code — sheet 3 of 18
v					.XX ± .30								
					.XXX ± .10								
				angles	0° ± 2°			mm					
				dr	A. JUANG	6/7/'02	scale		NONE				
				enrg	A. JUANG	6/7/'02							
				chr	A. JUANG	6/7/'02							
				appd	JENN TSAO	6/7/'02							
sheet index	revision sheet												

⁴ Printed: Mar 12, 2010

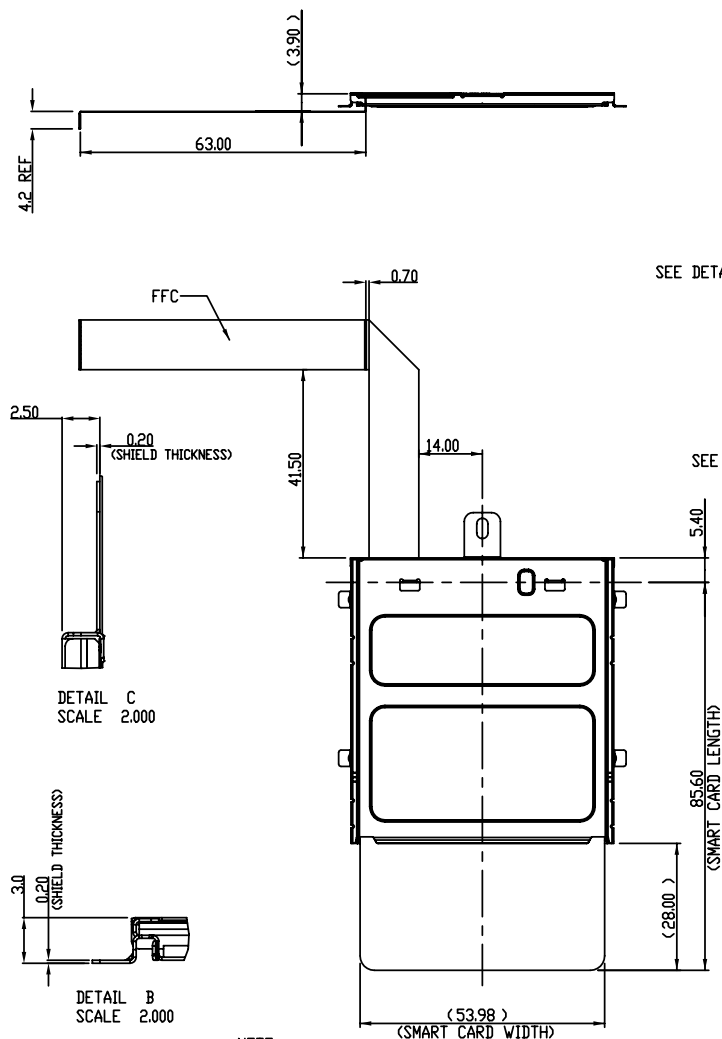


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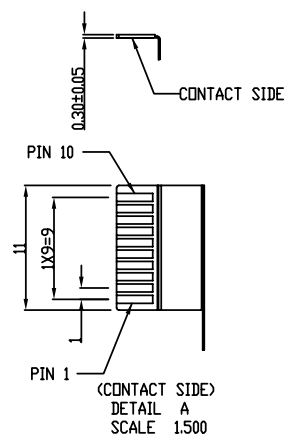


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PRODUCT NO
10010556-004LF

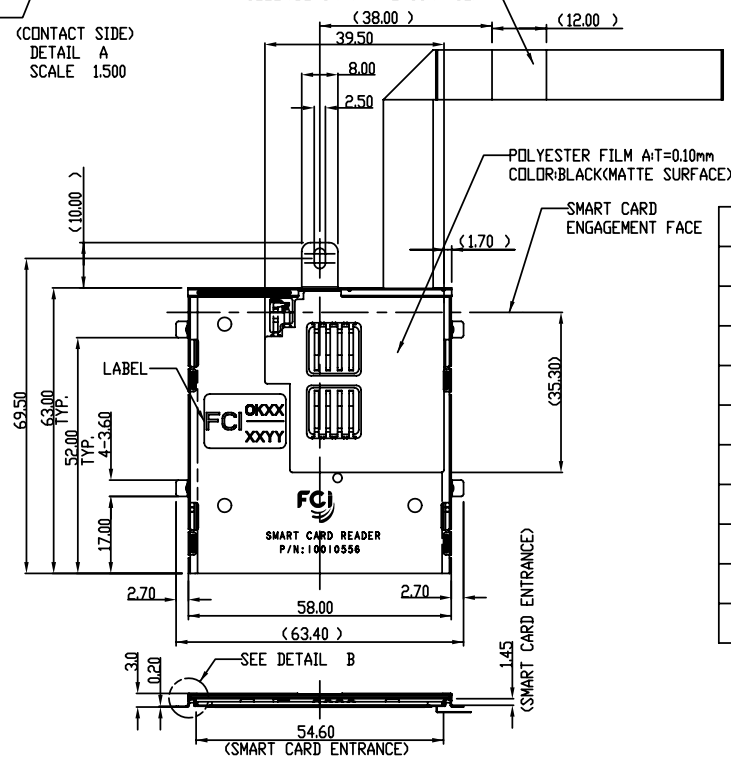


- NOTE:
1. Material:
METAL SHELL: STAINLESS STEEL, T=0.20mm
PCB: FR-4, T=0.80mm
TERMINAL: PHOSPHOR BRONZE.
PLATING SPEC AS BELOW:
ALL OVER NICKEL UNDERPLATING
GOLD PLATING ON CONTACT SURFACE.
MATTE TIN PLATING ON SOLDER TAIL.
FLEXIBLE FLAT CABLE: TOTAL LENGTH=124±2mm
PLATING SPEC AS BELOW:
CONTACT SURFACE: TIN PLATING.
SOLDER TAIL: TIN PLATING.
 2. CARD DETECTION SWITCH NORMALLY OPEN WITHOUT MATING CARD
 3. REFERENCE SPECIFICATION:
PRODUCT SPEC. GS 12-231
PACKING SPEC. GS 14-829



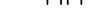
POLYESTER FILM B/T=0.10mm
COLOR: BLACK (MATTE SURFACE)

SCALE 0.400



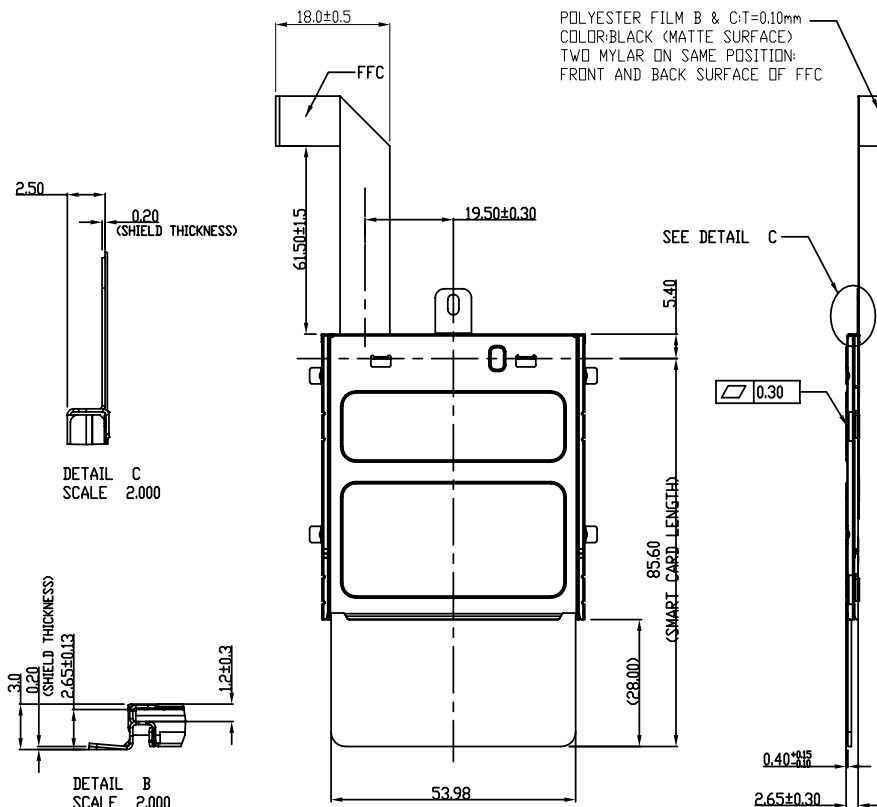
10	RFU
9	I/O
8	Vpp
7	GND
6	Sensor 2
5	Sensor 1
4	Vcc
3	Reset
2	Clock
1	RFU
PIN NO.	ASSIGNMENT

TOLERANCE UNLESS OTHERWISE SPECIFIED	
LINEAR	X.X=±0.5 X.XX=±0.3 X.XXX=±0.10
ANGLE	±0°30'

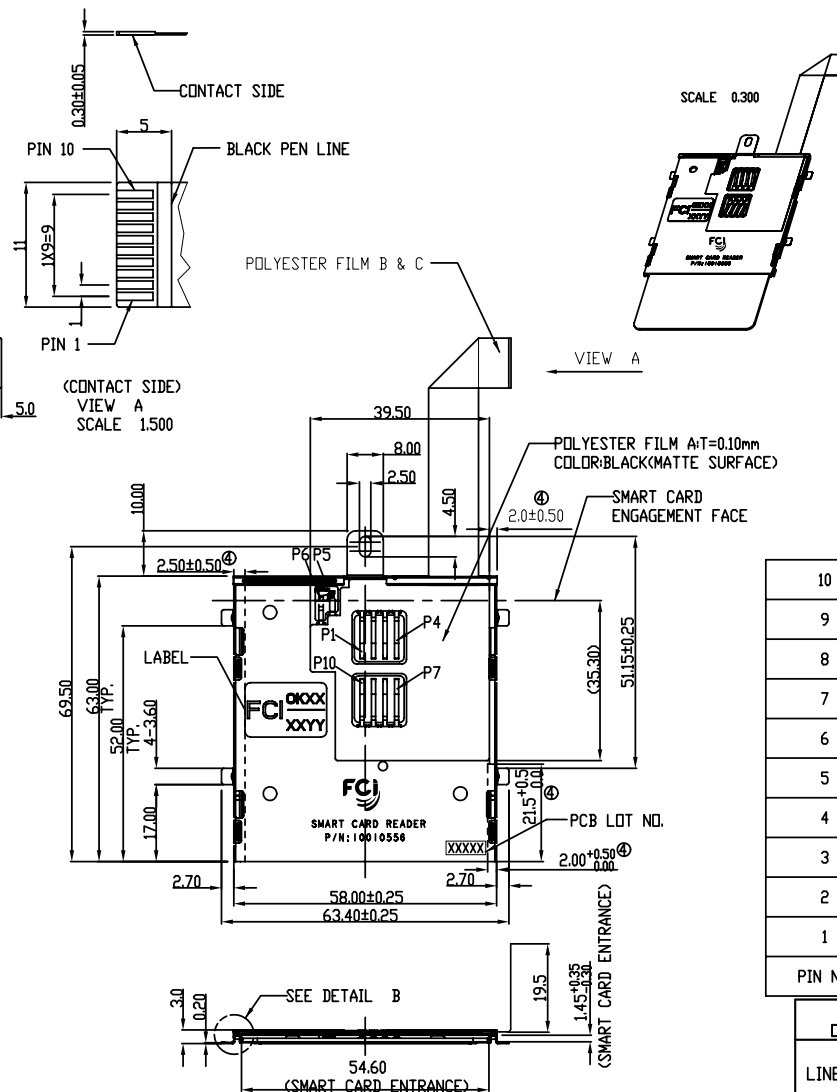
Mark with 10010556-004LF REV. In area indicated by X.....				Material		Spec ref								
				Mat code		✓	tolerance	projection 	MM 					
				Heattreat										
				Plating/Finish										
rev	ecn no	dr	date	Dr	BENNY CHEN	07/06/05				size	A4	Scale	0.500	
V				Eng	BENNY CHEN	07/06/05	Product family							
				Chr	Paul Wang	08/11/05	Model Name			10010556-004LF	ECN			
				Appr	Joseph Hsia	08/11/05	Model Revision				REL Level			
						title					dwg no		10010556	Rev
						ASSEMBLY								V
						SMART CARD READER								
				Pro/E file		catalog no					CUSTOEMER DRAWING		sheet 5 of	

4 Printed: Mar 12, 2010

PRODUCT NO
10010556-005LF

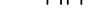


- NOTE:
1. Material:
METAL SHELL: STAINLESS STEEL, T=0.20mm
PCB: FR-4, T=0.80mm
TERMINAL: PHOSPHOR BRONZE.
PLATING SPEC AS BELOW:
ALL OVER NICKEL UNDERPLATING
GOLD PLATING ON CONTACT SURFACE.
MATTE TIN PLATING ON SOLDER TAIL.
FLEXIBLE FLAT CABLE: TOTAL LENGTH=103.5±2mm
PLATING SPEC AS BELOW:
CONTACT SURFACE: TIN PLATING.
SOLDER TAIL: TIN PLATING.
2. CARD DETECTION SWITCH NORMALLY OPEN WITHOUT MATING CARD
3. REFERENCE SPECIFICATION:
PRODUCT SPEC. GS 12-231
PACKING SPEC. GS 14-829
④ THE AREA IS PROHIBITED TO PASTE THE MYLAR AND LABEL.



10	RFU
9	I/O
8	Vpp
7	GND
6	Sensor 2
5	Sensor 1
4	Vcc
3	Reset
2	Clock
1	RFU
PIN NO.	ASSIGNMENT

TOLERANCE UNLESS OTHERWISE SPECIFIED	
LINEAR	X.X=±0.25 X.XX=±0.13 X.XXX=±0.050
ANGLE	±0°30'

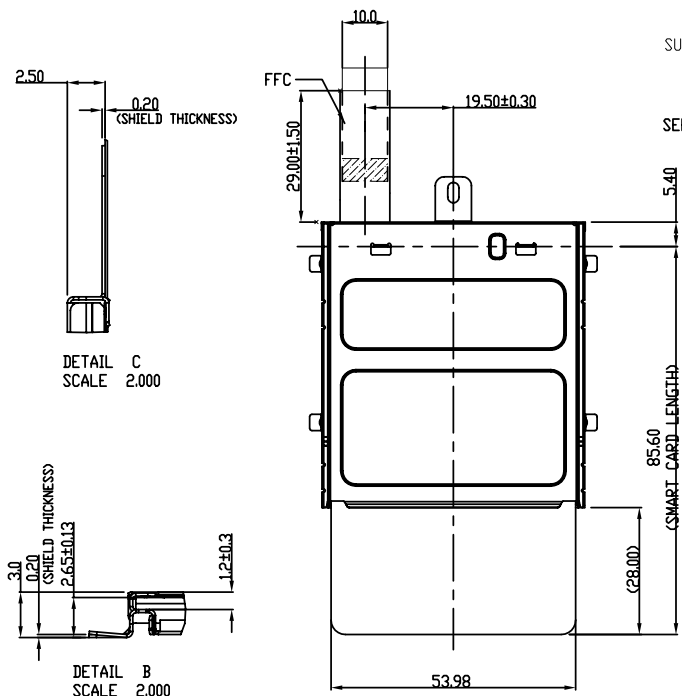
Mark with 10010556-004LF REV. In area indicated by X.....				Material			Spec ref						
				Mat code			✓	tolerance	projection 	MM 			
				Heattreat									
				Plating/Finish									
rev	ecn no	dr	date	Dr	DANIEL TAO	07/05/07			size	A4	Scale	0.500	
V				Eng	DANIEL TAO	07/05/07	Product family						
				Chr	DANIEL TAO	07/05/07	Model Name		10010556-005LF		ECN		
				Appr	JOSEPH HSIA	07/05/07	Model Revision				REL Level		
						title		ASSEMBLY		dwg no		10010556	Rev
								SMART CARD READER					V
		-	-	Pro/E file	catalog no				CUSTOEMER DRAWING		sheet 8 of		

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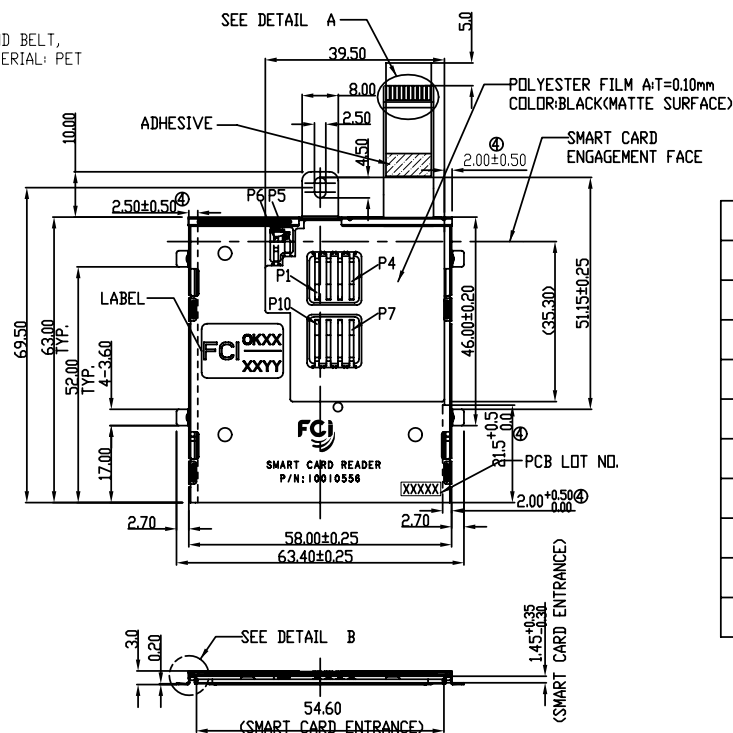
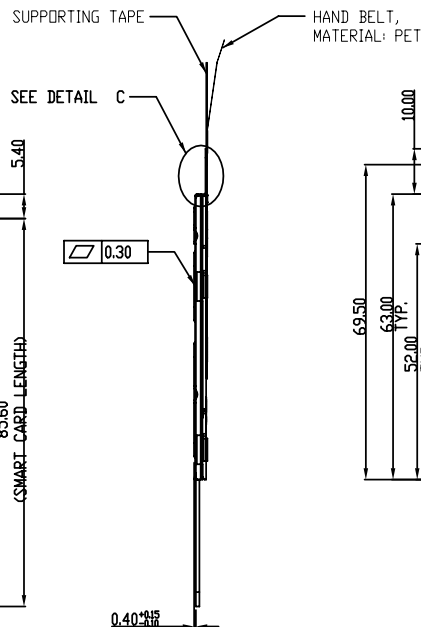
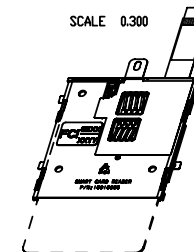
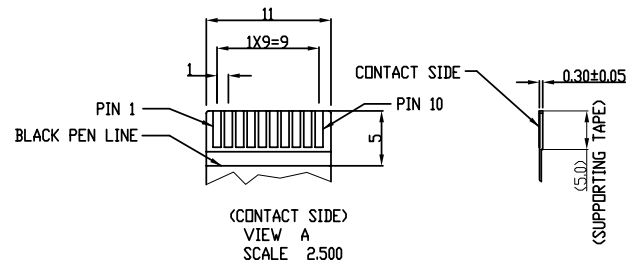


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PRODUCT NO
10010556-008LF



- NOTE:
- Material:
METAL SHELL: STAINLESS STEEL, T=0.20mm
PCB: FR-4, T=0.80mm
TERMINAL: PHOSPHOR BRONZE.
PLATING SPEC AS BELOW:
ALL OVER NICKEL UNDERPLATING
GOLD PLATING ON CONTACT SURFACE.
MATTE TIN PLATING ON SOLDER TAIL.
FLEXIBLE FLAT CABLE: TOTAL LENGTH=33.5±1mm
PLATING SPEC AS BELOW:
CONTACT SURFACE: TIN PLATING.
SOLDER TAIL: TIN PLATING.
 - CARD DETECTION SWITCH NORMALLY OPEN WITHOUT MATING CARD
 - REFERENCE SPECIFICATION:
PRODUCT SPEC. GS 12-231
PACKING SPEC. GS 14-829
- ④ THE AREA IS PROHIBITED TO PASTE THE MYLAR AND LABEL.

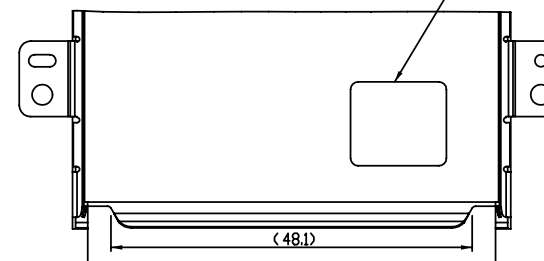
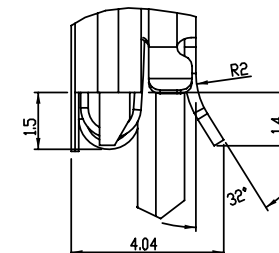
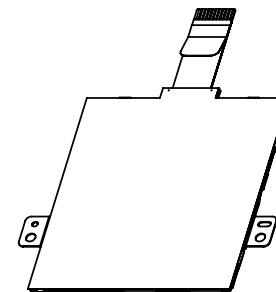
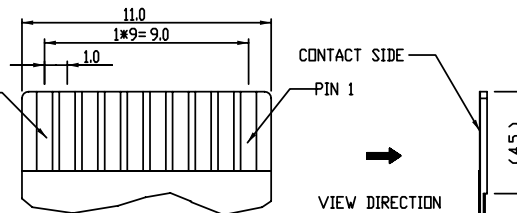
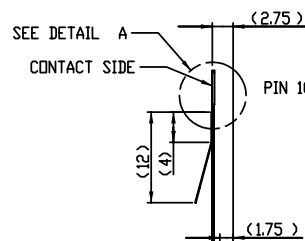


10	RFU
9	I/O
8	Vpp
7	GND
6	Sensor 2
5	Sensor 1
4	Vcc
3	Reset
2	Clock
1	RFU
PIN NO.	ASSIGNMENT

TOLERANCE UNLESS OTHERWISE SPECIFIED	
LINEAR	X.X=±0.5 X.XX=±0.3 X.XXX=±0.10
ANGLE	±0°30'

Mark with 10010556-004LF REV. In area indicated by X....				Material		Spec ref		tolerance		projection		MM	
rev				Mat code		Heattreat		Plating/Finish		size		Scale	
ecn no				Dr		07/05/07		Product family		A4		0.500	
dr				Eng		07/05/07		Model Name		ECN		REL Level	
date				Chr		07/05/07		Model Revision		10010556-008LF		Rev.	
V				Appr		07/05/07		Model Revision		10010556		V	
-				FCI		ASSEMBLY		title		10010556		Rev.	
-				Pro/E file		catalog no		CUSTOEMER DRAWING		sheet 9 of		-	

PART NUMBER
0010556-007LF



- NOTE:
- Material:
METAL SHELL: STAINLESS STEEL, T=0.30mm
GUIDE BLOCK: THERMOPLASTIC, UL94V-0.
PCB: FR-4, T=0.80mm, UL94V-0.
FPC: POLYIMIDE, T=0.30mm, UL94V-0.
PLATING SPEC AS BELOW:
UNDERPLATING: Ni 50 uin Min.
CONTACT SIDE PLATING: Au 3 uin, Min.
SOLDER SIDE PLATING: Pure Tin 100 uin Min.
TERMINAL: COPPER ALLOY.
PLATING SPEC AS BELOW:
UNDERPLATING: Ni 50 uin Min.
CONTACT PLATING: Au 30 uin Min.
SOLDER TAIL: Pure TIN 75 uin Min.
 - CARD DETECTION SWITCH NORMALLY OPEN WITHOUT MATING CARD
 - REFERENCE SPECIFICATION:
PRODUCT SPEC: GS-12-231.
PACKING SPEC: GS-14-829.

10	SENSOR 2
9	SENSOR 1
8	RFU
7	I/O
6	VPP
5	GND
4	RFU
3	CLOCK
2	RESET
1	VCC
PIN NO.	ASSIGNMENT

A

B

C

D

A

B

C

D

POLYESTER FILM
COLOR: BLACK
(THICKNESS: 0.10mm)

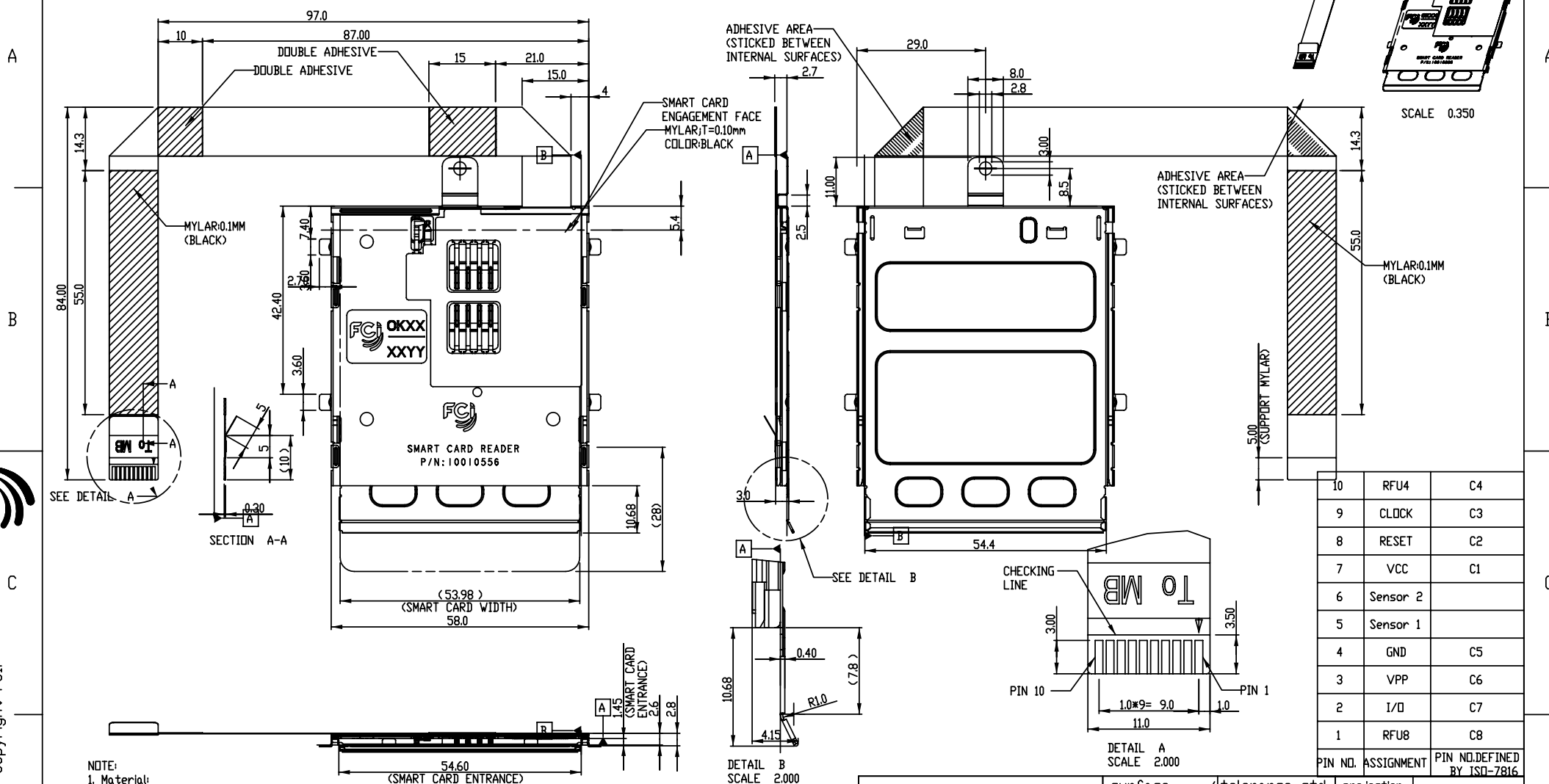
SEE DETAIL B

(0.76)
(SMART CARD
THICKNESS)

rev	ecn no	dr	date
M	N08-0024	BENNY	03/05/08
N	N08-0045	BENNY	05/05/08
V	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com				surface x	tolerance std x	projection x	MM
				TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	BENNY CHEN	07/23/07		ANGULAR	0.X	±0.25	size A4
Eng	BENNY CHEN	07/23/07		LINEAR	0.XX	±0.15	Scale 0.500
Chr	PAUL WANG	09/10/07		0° ±3°	0.XXX	±	ECN *
Appr	JOSEPH HSIA	09/11/07		Product family			Spec ref *
FCI				title	ASSEMBLY	dwg no	10010556
				catalog no	SMART CARD READER		Rev. V
				* CUSTOMER DRAWING sheet 10 of			

PART NUMBER
0010556-009LF



NOTE:

1. Material:

METAL SHELL: STAINLESS STEEL, T=0.20mm
PCB: FR-4, T=0.80mm
TERMINAL: COPPER ALLOY.
PLATING SPEC AS BELOW:
ALL OVER NICKEL UNDERPLATING
GOLD PLATING ON CONTACT SURFACE.
MATTE TIN PLATING ON SOLDER TAIL.
FLEXIBLE FLAT CABLE: TOTAL LENGTH=33.5±1mm
PLATING SPEC AS BELOW:
CONTACT SURFACE: TIN PLATING.
SOLDER TAIL: TIN PLATING.

2. CARD DETECTION SWITCH NORMALLY OPEN WITHOUT MATING CARD

rev	ecn no	dr	date
P	N08-0093	SH	06/11/08
V	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

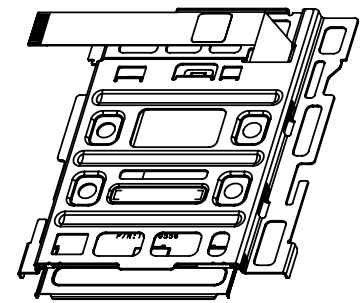
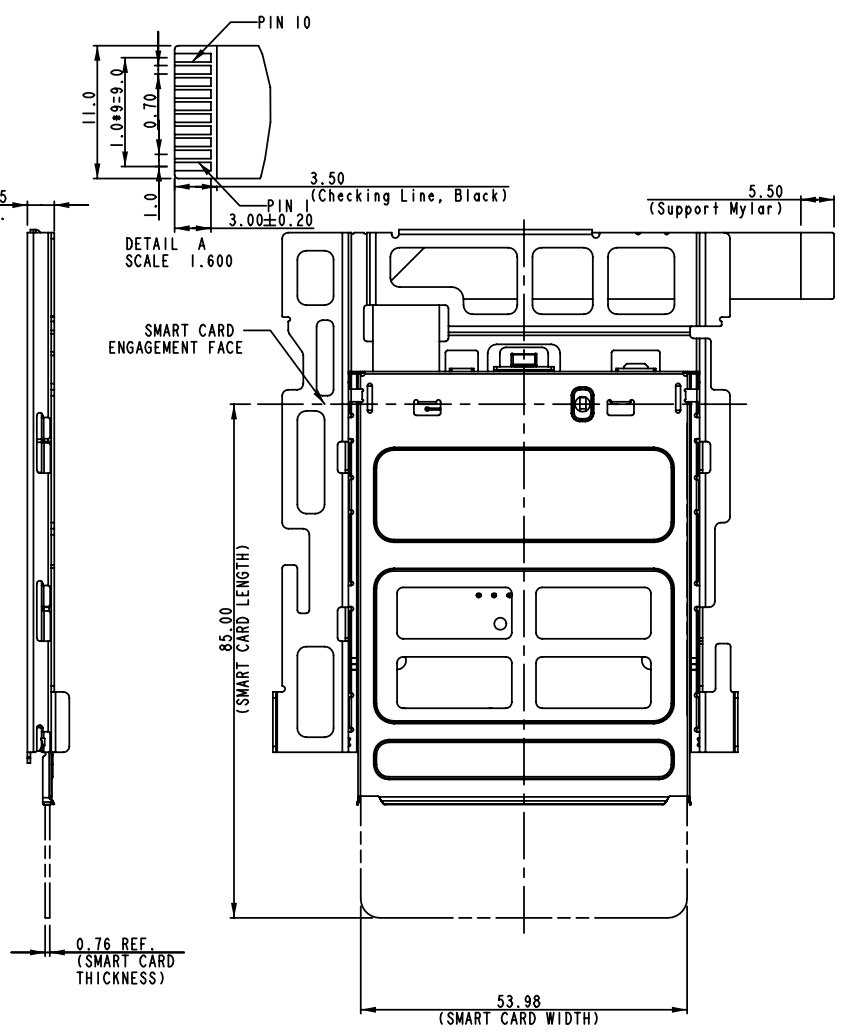
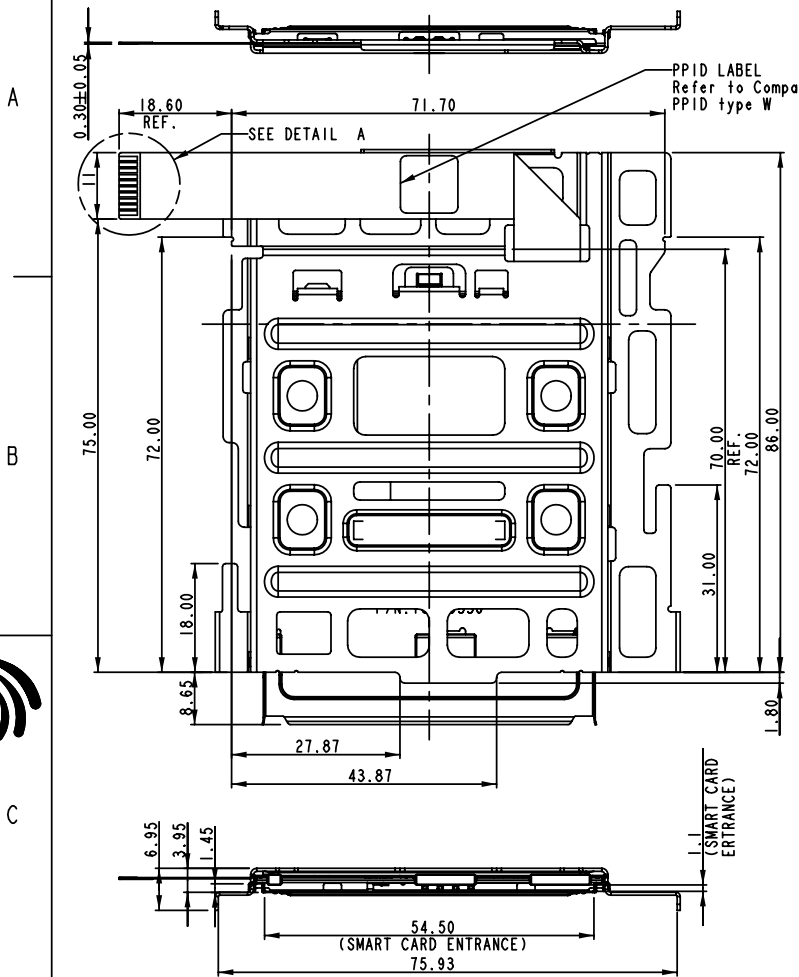
www.fciconnect.com			surface	tolerance std	projection	MM
			x	x	x	
			TOLERANCES UNLESS OTHERWISE SPECIFIED			A4
			ANGULAR	LINEAR	0.X	
			0°	±X°	0.XX	Scale
			Product family			0.500
			Spec ref			*
			Rev.			V
			sheet 11 of			

PIN NO.	ASSIGNMENT	PIN NO. DEFINED BY ISO-7816
10	RFU4	C4
9	CLOCK	C3
8	RESET	C2
7	VCC	C1
6	Sensor 2	
5	Sensor 1	
4	GND	C5
3	VPP	C6
2	I/O	C7
1	RFU8	C8



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PART NUMBER
10010556-010LF



10	VCC	C1
9	Reset	C2
8	Clock	C3
7	RFU4	C4
6	Gnd	C5
5	VPP	C6
4	I/O	C7
3	RFU8	C8
2	SENSOR 2	
1	SENSOR 1	
PIN NO.	ASSIGNMENT	PIN NO. DEFINED BY ISO-7816

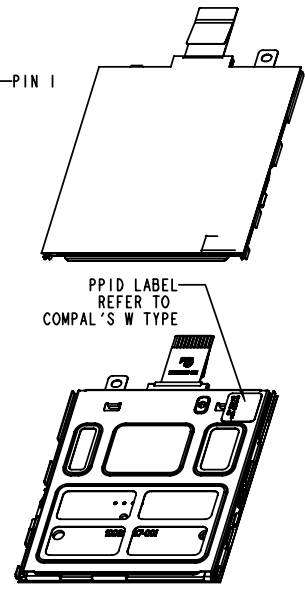
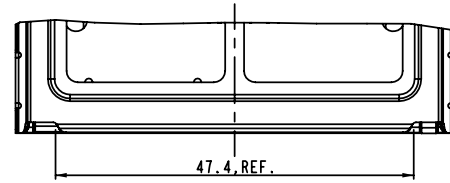
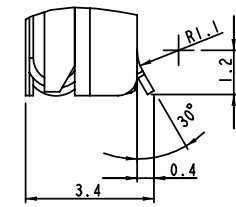
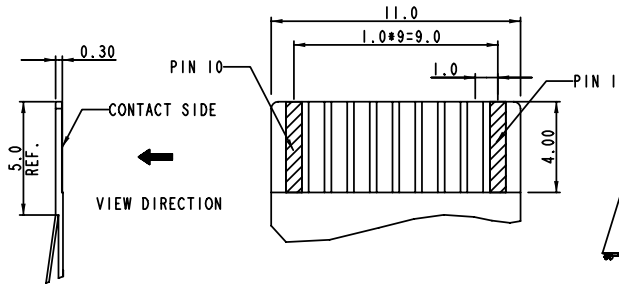
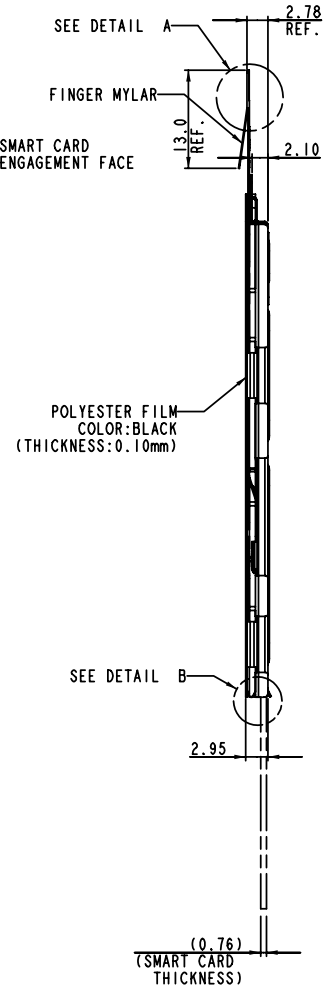
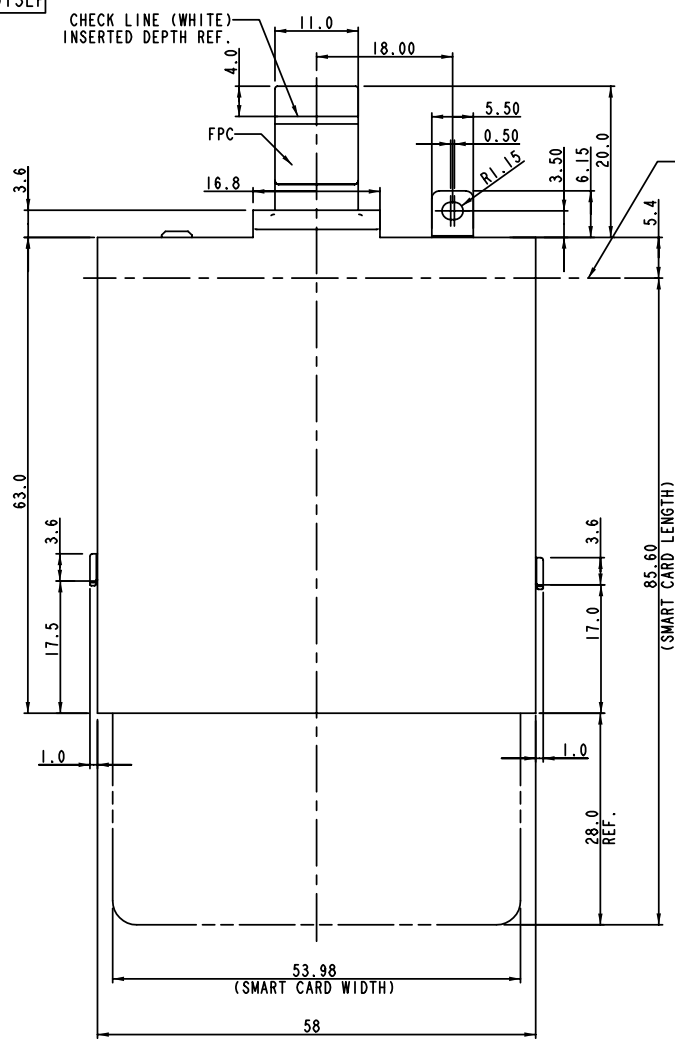
NOTE:

- Material:
 - METAL SHELL: STAINLESS STEEL
 - BRACKET: STEEL
 - GUIDE BLOCK: THERMOPLASTIC, UL94V-0.
 - PCB: FR-4, T=0.80mm, UL94V-0.
 - FFC: POLYESTER, UL20624.
 - PLATING SPEC AS BELOW:
 - CONTACT SIDE PLATING: GOLD.
 - SOLDER SIDE PLATING: Pure Tin.
 - TERMINAL: COPPER ALLOY.
 - PLATING SPEC AS BELOW:
 - UNDERPLATING: NICKEL.
 - CONTACT PLATING: GOLD.
 - SOLDER TAIL: Pure TIN.
- CARD DETECTION SWITCH NORMALLY OPEN WITHOUT MATING CARD
- REFERENCE SPECIFICATION:
 - PRODUCT SPEC.: GS-12-231.
 - PACKING SPEC.: GS-14-829.

rev	ecn no	dr	date
P	N08-0093	SH	06/11/08
R	N08-0136	SH	07/01/08
S	N08-0212	SH	10/06/08
V	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com			surface X ☒		tolerance std X X		projection 		MM 		
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	BENNY CHEN	02/05/08	ANGULAR	LINEAR	0.X		±0.3		size A4	Scale 1.000	
Eng	BENNY CHEN	02/05/08			0.XX		±.20				
Chr	PAUL WANG	02/13/08			0°.XXX		±X				
Appr	JOSEPH HSIA	02/15/08	0° ±X°				ECN		*		
			Product family					Spec ref *			
			title ASSEMBLY SMART CARD READER				dwg no 10010556		Rev. V		
			catalog no				* CUSTOMER DRAWING		sheet 12 of		

PART NUMBER
10010556-013LF



NOTE:
1. Material:
METAL SHELL: STAINLESS STEEL, T=0.20mm
GUIDE BLOCK: THERMOPLASTIC, UL94V-0.
PCB: FR-4, T=0.80mm, UL94V-0.
FPC: POLYIMIDE, T=0.30mm, UL94V-0.
PLATING SPEC AS BELOW:
UNDERPLATING: Ni 50 uin Min.
CONTACT SIDE PLATING: Au 3 uin Min.
SOLDER SIDE PLATING: Pure Tin 100 uin Min.
TERMINAL: COPPER ALLOY.
PLATING SPEC AS BELOW:
UNDERPLATING: Ni 50 uin Min.
CONTACT PLATING: Au 30 uin Min.
SOLDER TAIL: Pure TIN 75 uin Min.
2. CARD DETECTION SWITCH NORMALLY OPEN WITHOUT MATING CARD
3. REFERENCE SPECIFICATION:
PRODUCT SPEC.: GS-12-231.
PACKING SPEC.: GS-14-829.

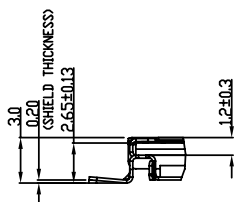
10	VCC	C 1
9	GND	C 5
8	RESET	C 2
7	VPP	C 6
6	CLOCK	C 3
5	I/O	C 7
4	RFU 4	C 4
3	RFU 8	C 8
2	SENSOR 2	
1	SENSOR 1	
PIN NO.	ASSIGNMENT	DEFINED BY ISO 7816

rev	ecn no	dr	date
R	N08-0136	BENNY	05/08/08
S	N08-0212	SH	10/06/08
V	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com			surface X		tolerance std X X		projection 		MM 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	BENNY CHEN	05/08/08	ANGULAR LINEAR		0.X		±0.25		size A4	Scale 0.500
Eng	BENNY CHEN	05/08/08			0.XX		±0.15			
Chr	PAUL WANG	05/19/08			0° ±3°		0.XXX ±			
Appr	JOSEPH HSIA	06/16/08	Product family						ECN *	
									Spec ref *	
			title ASSEMBLY SMART CARD READER				dwg no 10010556		Rev. V	
			catalog no *				CUSTOMER DRAWING		sheet 15 of	

DETAIL A

DETAIL C
SCALE 2.000



DETAIL B
SCALE 2.000

5. ALL PART SAME AS 10010556-011LF, EXCEPT FPC

	0.30
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POLYESTER FILM A: T=0.10mm
COLOR: BLACK (MATTE SURFACE)

- SMART CARD
ENGAGEMENT FACE

T NO.

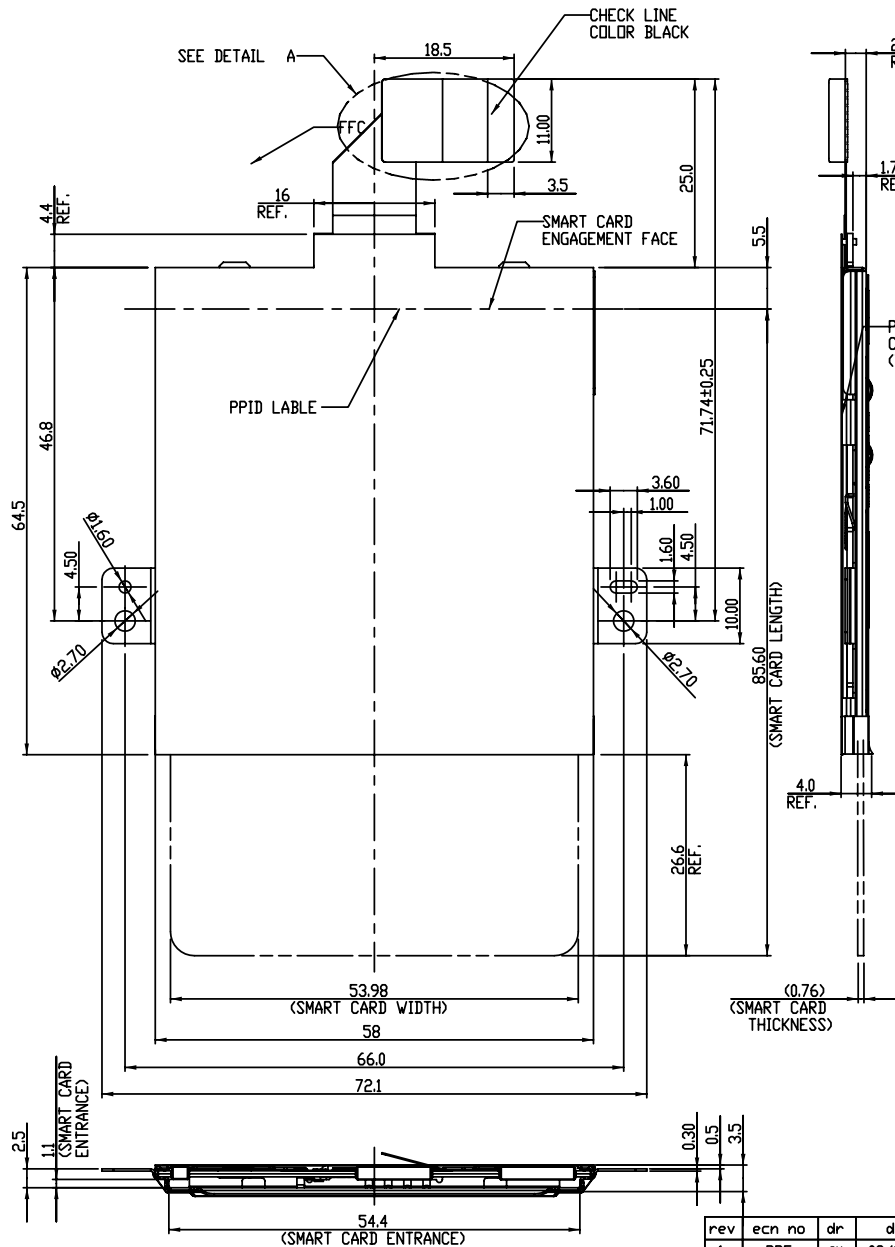
TOLERANCE UNLESS OTHERWISE SPECIFIED	
LINEAR	X.X $\pm$ 0.5
	X.XX $\pm$ 0.15
	X.XXX $\pm$ 0.050
ANGLE	$\pm 0^{\circ}30'$

$$+ 16 = 6$$




Copyright FCI.

PART NUMBER
10010556-015LF



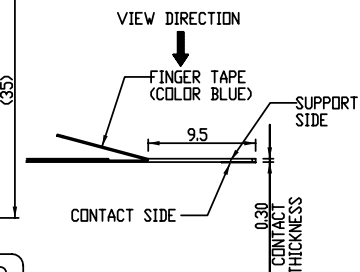
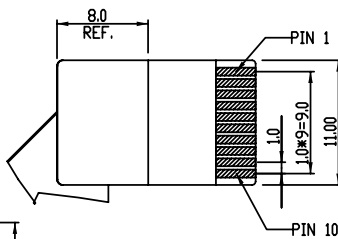
POLYESTER FILM
COLOR:BLACK
(T=0.10mm)

POLYESTER FILM
COLOR:BLACK
(T=0.10mm)

- NOTE:
- Material:
METAL SHELL: STAINLESS STEEL, T=0.30mm
GUIDE BLOCK: THERMOPLASTIC, UL94V-0
PCB: FR-4, T=0.80mm, UL94V-0
FFC: POLYESTER, T=0.30mm, UL20624, NO PRINTING.
PLATING SPEC AS BELOW:
CONTACT SIDE PLATING: Au 3 uin Min.
SOLDER SIDE PLATING: Pure Tin 100 uin Min.
TERMINAL: PHOSPHOR BRONZE.
PLATING SPEC AS BELOW:
UNDERPLATING: Ni 50 uin Min.
CONTACT PLATING: Au 30 uin Min.
SOLDER TAIL: Pure TIN 75 uin Min.
 - LEAD FREE AND ROHS COMPLIANT PRODUCT.
 - CARD DETECTION SWITCH NORMALLY OPEN WITHOUT MATING CARD.
 - REFERENCE SPECIFICATION:
PRODUCT SPEC: GS-12-231.
PACKING SPEC: GS-14-829.

SCALE 0.300

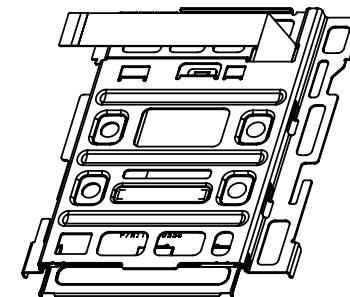
DETAIL A
SCALE 1.500



PIN NO.	ASSIGNMENT
10	SENSOR 2
9	SENSOR 1
8	RFU8
7	I/O
6	VPP
5	GND
4	RFU4
3	CLOCK
2	RESET
1	VCC

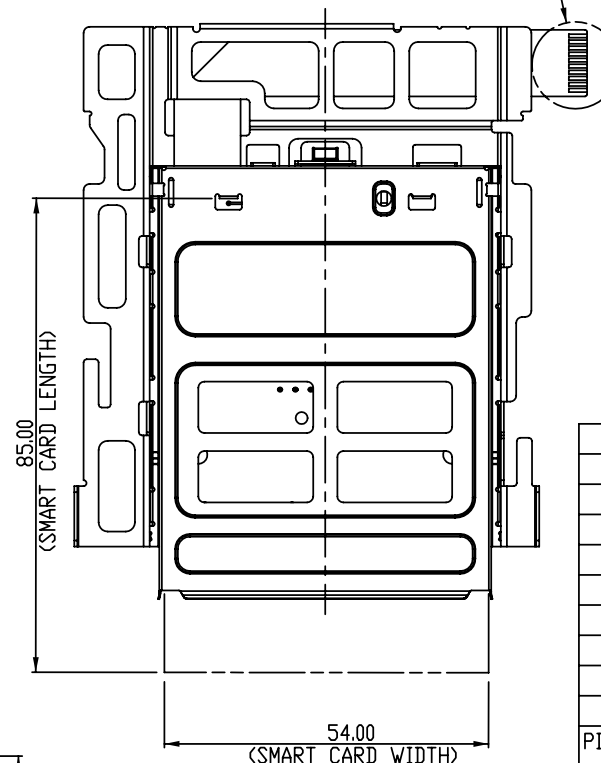
www.fciconnect.com			surface x	tolerance std x	projection	MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	BENNY CHEN	04/15/09	ANGULAR	0.X	±0.25	size A4
Eng	BENNY CHEN	04/15/09	LINEAR	0.XX	±0.15	Scale 0.500
Chr	PAUL WANG	04/18/09	0° ±3°	0.XXX	±	ECN *
Appr	JOSEPH HSIA	04/20/09	Product family			Spec ref *
FCI			title ASSEMBLY SMART CARD READER		dwg no 10010556	Rev. V
catalog no			* CUSTOMER DRAWING sheet 17 of			

SEE DETAIL



D

I



10	VCC	C1
9	RESET	C2
8	CLOCK	C3
7	RFU 4	C4
6	GND	C5
5	VPP	C6
4	I/O	C7
3	RFU 8	C8
2	SENSOR 2	
1	SENSOR 1	
PIN NO.	ASSIGNMENT	PIN NO. DEFINED BY ISO-7816

PACKING SPECIFICATIONS-14-829.

DETAIL A
SCALE 1.600

www.fciconnect.com			surface - ☒		tolerance std		projection 			
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	MIAD SH	04/14/09	ANGULAR LINEAR		0.X	±0.3	size A4	Scale 1.000		
Eng	MIAD SH	04/14/09			0.XX	±0.2				
Chr	TAD DANIEL	04/14/09			0.XXX	±0.1				
Appr	TAD DANIEL	04/14/09	Product family				-	Spec ref		
		title - SMART CARD READER	dwg no 10010556				Rev V			
catalog no		-	CUSTOMER DRAWING				sheet 19 of			

PRODUCT NO

10010556-018LF

A

B

C

D

A

B

C

D

SEE DETAIL A

FFC

75.00

9.10

85.60
(SMART CARD LENGTH)

(28.00)

(53.98)
(SMART CARD WIDTH)DETAIL C
SCALE 2.000DETAIL B
SCALE 2.000

NOTE:

1. Material:

METAL SHELL: STAINLESS STEEL, T=0.20mm

PCB: FR-4, T=0.80mm

TERMINAL: PHOSPHOR BRONZE.

PLATING SPEC AS BELOW:

ALL OVER NICKEL UNDERPLATING

GOLD PLATING ON CONTACT SURFACE.

MATTE TIN PLATING ON SOLDER TAIL.

FLEXIBLE FLAT CABLE: TOTAL LENGTH=124±2mm

PLATING SPEC AS BELOW:

CONTACT SURFACE: TIN PLATING.

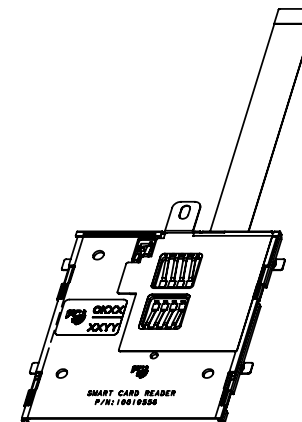
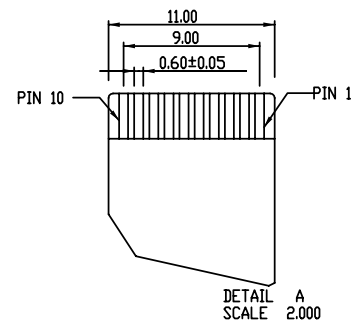
SOLDER TAIL: TIN PLATING.

2. CARD DETECTION SWITCH NORMALLY OPEN WITHOUT MATING CARD

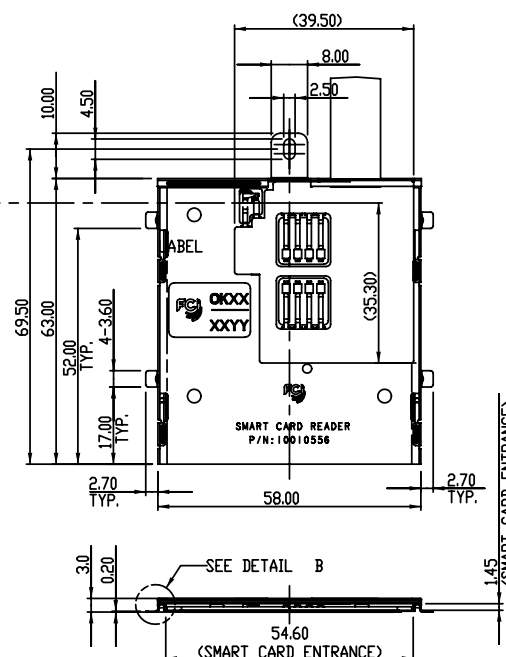
3. REFERENCE SPECIFICATION:

PRODUCT SPEC. GS 12-231

PACKING SPEC. GS 14-829



SEE DETAIL C



10	RFU
9	I/O
8	Vpp
7	GND
6	Sensor 2
5	Sensor 1
4	Vcc
3	Reset
2	Clock
1	RFU
PIN NO.	ASSIGNMENT

TOLERANCE UNLESS OTHERWISE SPECIFIED	
LINEAR	X.X=±0.8 X.XX=±0.3 X.XXX=±0.13
ANGLE	±3°

www.fciconnect.com			surface 		tolerance std		projection 			
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	MIAD SH	09/25/09	ANGULAR  LINEAR 		0.X	±0.8	size A4	Scale 0.500		
Eng	MIAD SH	09/25/09			0.XX	±0.25				
Chr	TAD DANIEL	09/25/09			0.XXX	±0.13				
Appr			Product family					ECN		
								Spec ref		
		title SMART CARD READER				dwg no 10010556		Rev. V		
		catalog no						sheet 20 of		

rev	ecn no	dr	date
1	-	SH	09/25/09
V	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-