

BASIC PART NUMBER:

10017657-20XX-XX-XX-XX-LF

RoHS COMPLIANT SPECIFICATION (SEE NOTE 4)

OPTION

(BLANK : NO CUSTOMIZATION)

(X : CUSTOMIZED REQUEST)

CARDBUS: 0 NO
1 YES

INSULATOR: 0 NO
1 FCI LONG
2 FCI SHORT
3 CUSTOMIZED

LABEL RECESS: 0 NO
1 YES(LONG, 66x42mm)
2 YES(SHORT, 63x42mm)

OPEN END

CARD TYPE: II

NOTES:

- CARDSHIELD: STAINLESS STEEL, THICKNESS 0.2MM, SURFACE FINISH: MATTE.
- FRAME BAR: PPO OR PA46, COLOR BLACK, UL94V-0.
- INSULATOR: POLYESTER FILM WITH ADHESIVE, 3M 1350 OR EQUIVALENT.
- 10017657-20XXX-XX IS SIMILAR TO 10017657-20XXX-XLF
THE SUFFIX " LF " IS ADDED FOR LEAD FREE IDENTIFICATION,
THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER
COUNTRY REGULATIONS AS PER GS-22-008.
- PACKING SPEC. PER GS-14-775.

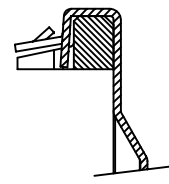
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rev.	ecn no.	dr	date	linear				COPY					
C	T03-0111	WL	04/03/03					projection	title ROCARD SHIELD				
D	T03-0290	WL	07/15/03										
E	T03-0314	WL	08/05/03	angles					product family PCMCIA code				
F	T06-0056	WL	04/03/06	dr	WENDY CHEN	10/21/02	unit						
G	T06-0093	WL	05/10/06	enrg	DAVID TENG	10/21/02	mm/inch	size				dwg no. 10017657	
H	T06-0134	WL	07/12/06	chr	TONY CHIEN	10/21/02	scale						
				appd	JENN TSAO	10/21/02		A3					
sheet	revision	H	F	F	F	F	F	F	F	H			
index	sheet	1	2	3	4	5	6	7	8	9	10		

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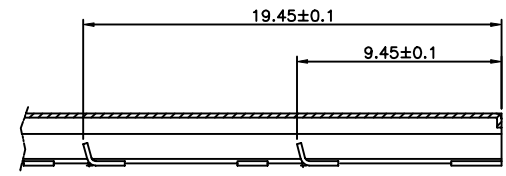
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PRODUCT NUMBER	DIM A	DIM B	DIM C	DIM D	DIM E
10017657-20110 OR 10017657-20110LF	1.4±1.0	75.6 REF	27.3 REF	4.0	66
10017657-20120 OR 10017657-20120LF	9.7±1.0	67.3 REF	19.0 REF	4.0	66
10017657-20210 OR 10017657-20210LF	1.4±1.0	75.6 REF	27.3 REF	7.0	63
10017657-20220 OR 10017657-20220LF	9.7±1.0	67.3 REF	19.0 REF	7.0	63

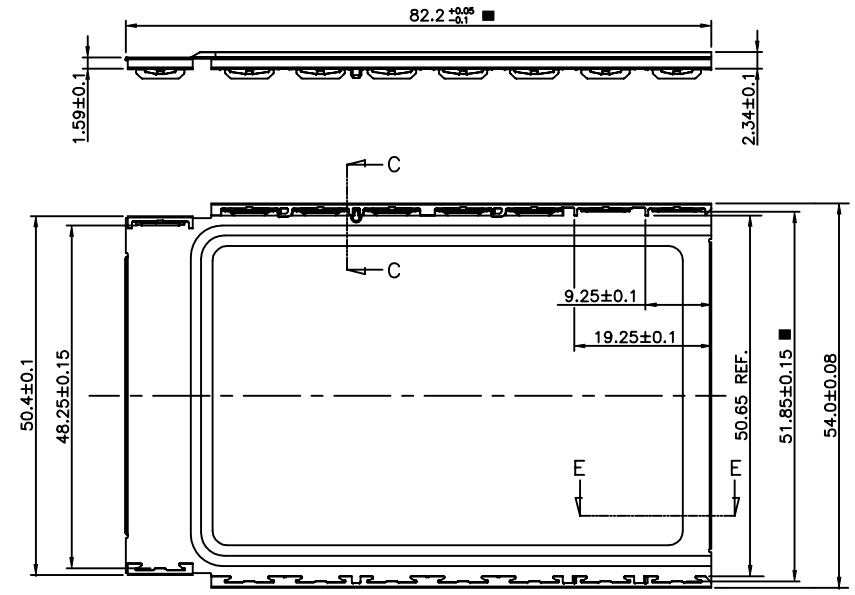
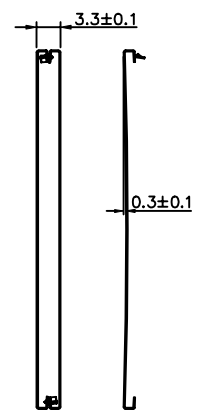


SEC. C-C
(SCALE 5:1)

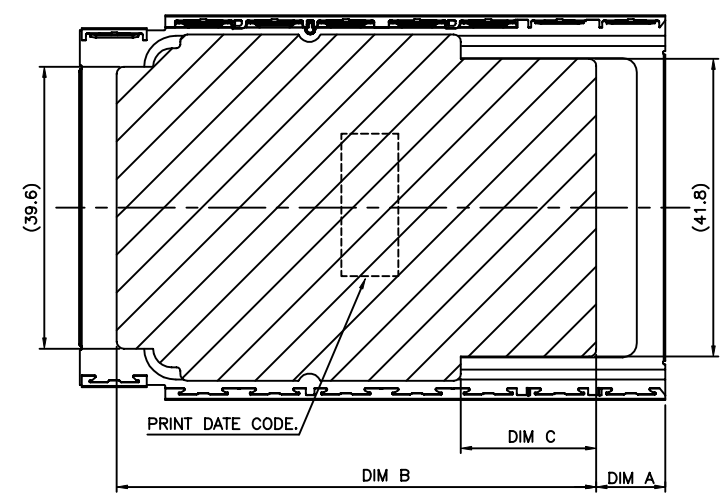
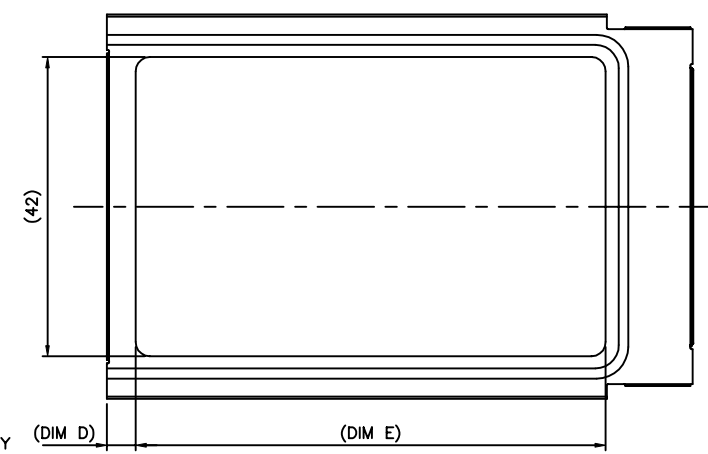
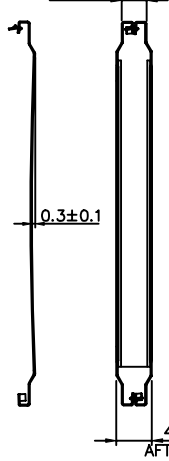


SEC. E-E
(SCALE 3:1)

VIEW OF 2
ASSEMBLED CARDSHIELDS



VIEW OF 2
ASSEMBLED CARDSHIELDS



NOTE: 1. ■ : CPK MARK>=1.5

mat'l code				tolerance unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
rev.	ecn	no.	dr	date	linear	X. ±0.3 .X ±0.13 .XX±0.05	COPY		
F					angles	±2°	projection	title ROCARD SHIELD	
					dr	WENDY CHEN 10/21/02	unit	product family	code
					enr	DAVID TENG 10/21/02	mm/inch	size	dwg no.
					chr	TONY CHIEN 10/21/02	scale	A3	10017657
					appd	JENN TSAO 10/21/02			sheet 2 OF
sheet index	revision	sheet							

A diagram of a cantilever beam. The beam is represented by a horizontal line with a hatched rectangular area at its left end, indicating it is fixed to a wall. A single downward-pointing arrow is located at the free right end of the beam, representing a point load.

Technical drawing of a cross-section of a composite beam. The drawing shows a top flange with a hatched pattern, a web, and a bottom flange. The total width of the top flange is dimensioned as 19.45 ± 0.1 . The width of the web is dimensioned as 9.45 ± 0.1 . The bottom flange is shown with a hatched pattern and a dashed line indicating its internal structure.

Technical drawing of a 1000mm wide, 150mm high profile. The drawing shows a cross-section of a component with a total width of 1000mm and a height of 150mm. The top surface is flat, and the bottom surface features a series of rounded, semi-circular protrusions. The drawing includes dimension lines and tolerances: a horizontal dimension of 82.2 with a tolerance of +0.05/-0.1, and a vertical dimension of 1.59 with a tolerance of 0.1. A small square symbol is located near the top right corner of the profile.

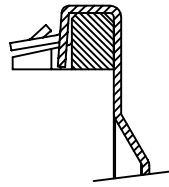
NOTE: 1. ■ : CPK MARK $\geq$ 1.5

[illegible]

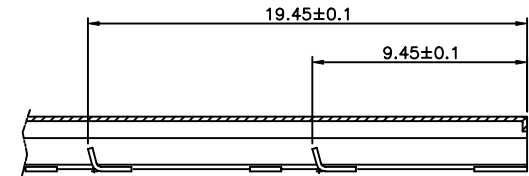
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PRODUCT NUMBER	DIM A	DIM B	DIM C	DIM D	DIM E
10017657-20111 OR 10017657-20111LF	1.4±1.0	73.1 REF	27.3 REF	4.0	66
10017657-20121 OR 10017657-20121LF	9.7±1.0	64.8 REF	19.0 REF	4.0	66
10017657-20211 OR 10017657-20211LF	1.4±1.0	73.1 REF	27.3 REF	7.0	63
10017657-20221 OR 10017657-20221LF	9.7±1.0	64.8 REF	19.0 REF	7.0	63



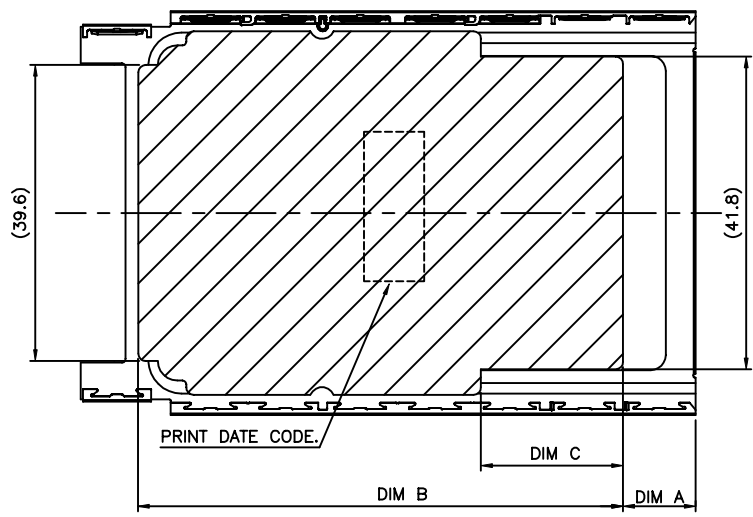
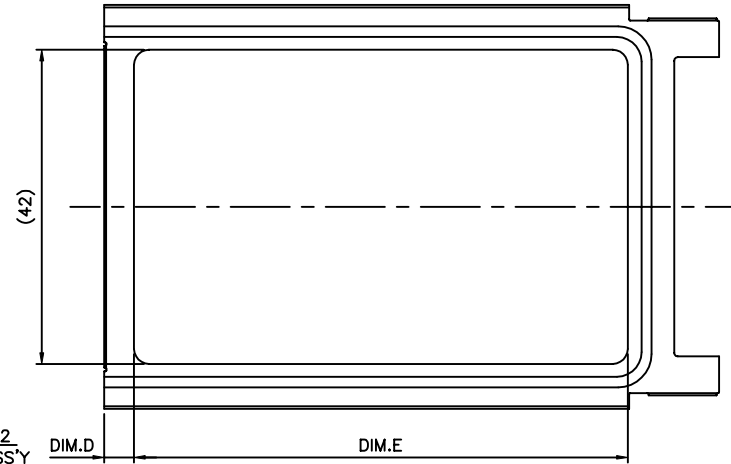
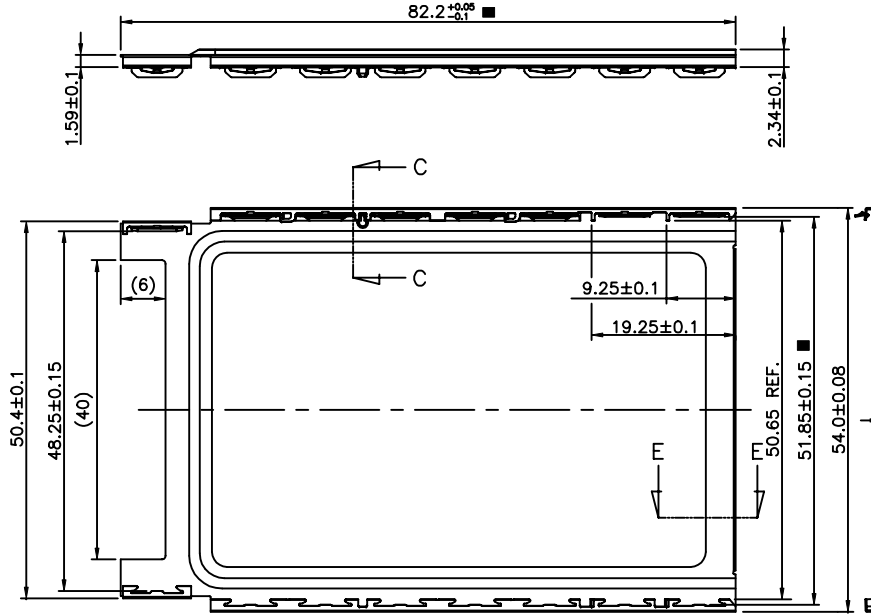
SEC. C-C
(SCALE 5:1)



SEC. E-E
(SCALE 3:1)

VIEW OF 2
ASSEMBLED CARDSHIELDS

VIEW OF 2
ASSEMBLED CARDSHIELDS



NOTE: 1. ■ : CPK MARK>=1.5

mat'l code					tolerance unless otherwise specified			CUSTOMER		 www.fciconnect.com	
rev.	ecn	no.	dr	date	linear	X. ±0.3 .X ±0.13 .XX±0.05		COPY			
F								projection	 title ROCARD SHIELD		
					angles	±2°					
					dr	WENDY CHEN	10/21/02	unit	product family PCMCIA		code
					engr	DAVID TENG	10/21/02	mm/inch	size	dwg no.	
					chr	TONY CHIEN	10/21/02	scale	A3	10017657	sheet 5 of
					appd	JENN TSAO	10/21/02				
sheet	revision										
index	sheet										

SEC. C-C
(SCALE 5:1)

P/N: 10017657-20230-C2
OR
P/N: 10017657-20230-C2LF

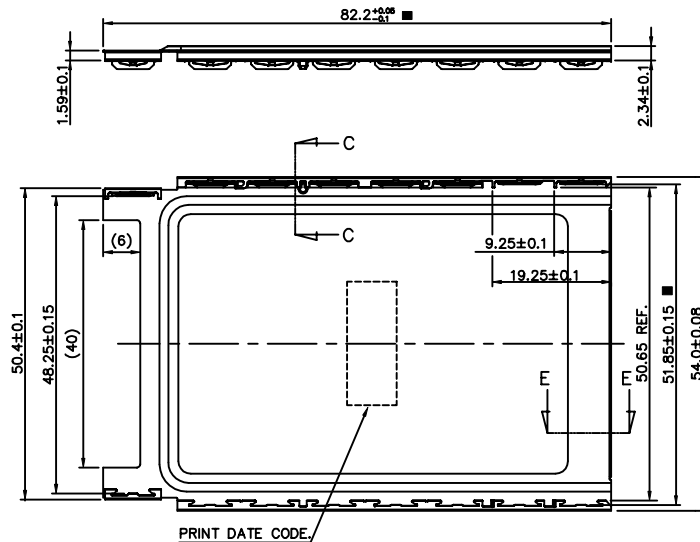
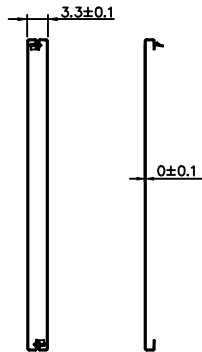
Printed: Jul 14, 2009

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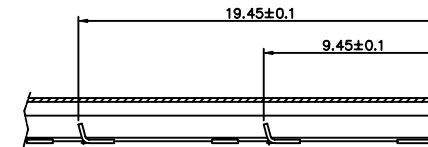
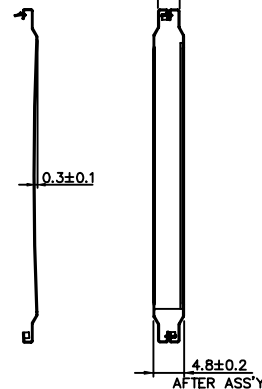
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1	PRODUCT NUMBER	2	CISCO P/N
	10017657-20231-C1 OR 10017657-20231-1LF		62-10959-01
	10017657-20231-C2 OR 10017657-20231-2LF		62-10961-01

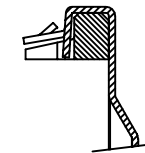
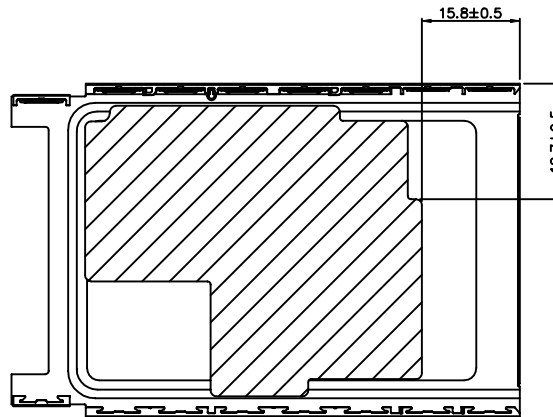
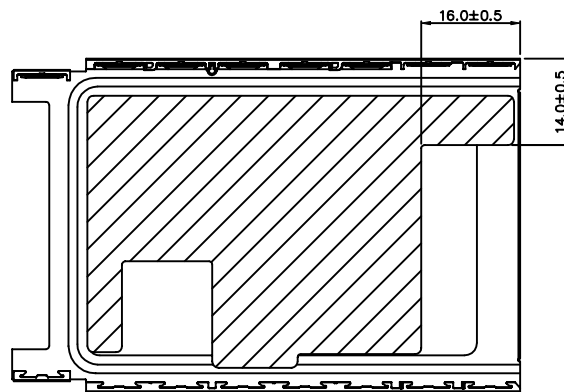
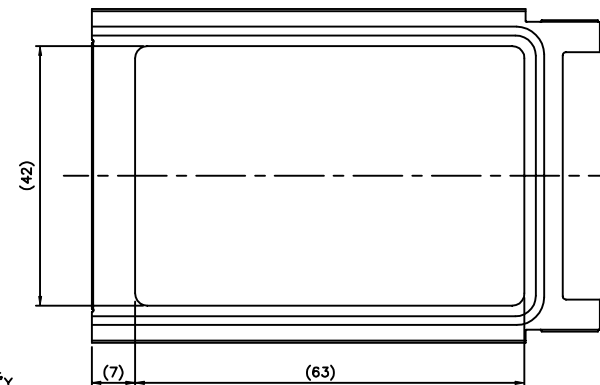
VIEW OF 2
ASSEMBLED CARDSHIELDS



VIEW OF 2
ASSEMBLED CARDSHIELDS



SEC. E-E
(SCALE 3:1)



SEC. C-C
(SCALE 5:1)

P/N: 10017657-20231-C1
OR
P/N: 10017657-20231-C1LF

P/N: 10017657-20231-C2
OR
P/N: 10017657-20231-C2LF

NOTE: 1. ■: CPK MARK>=1.5

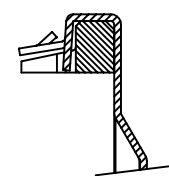
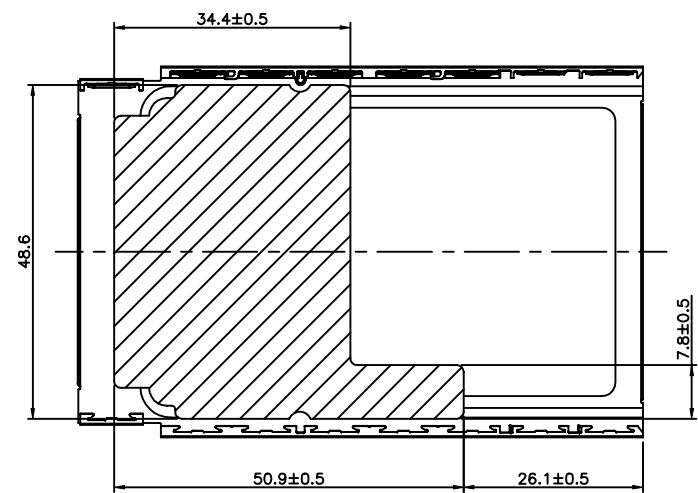
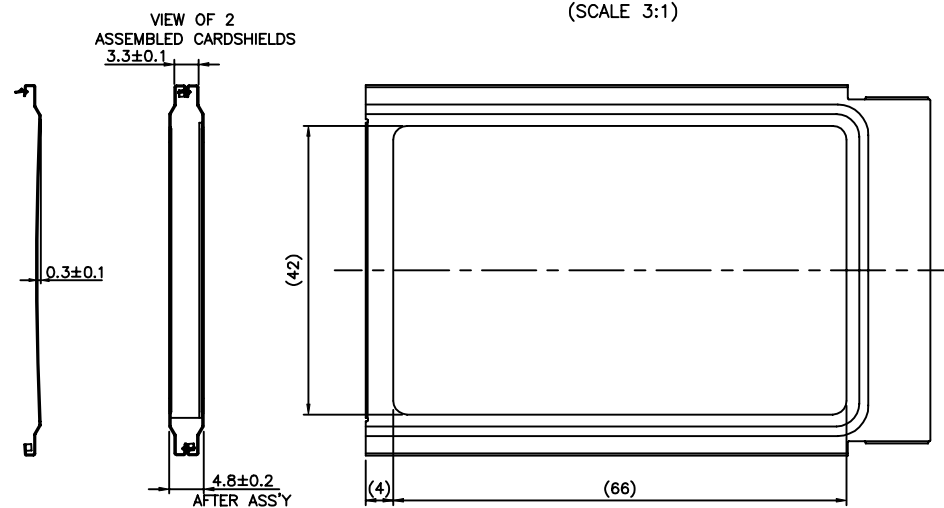
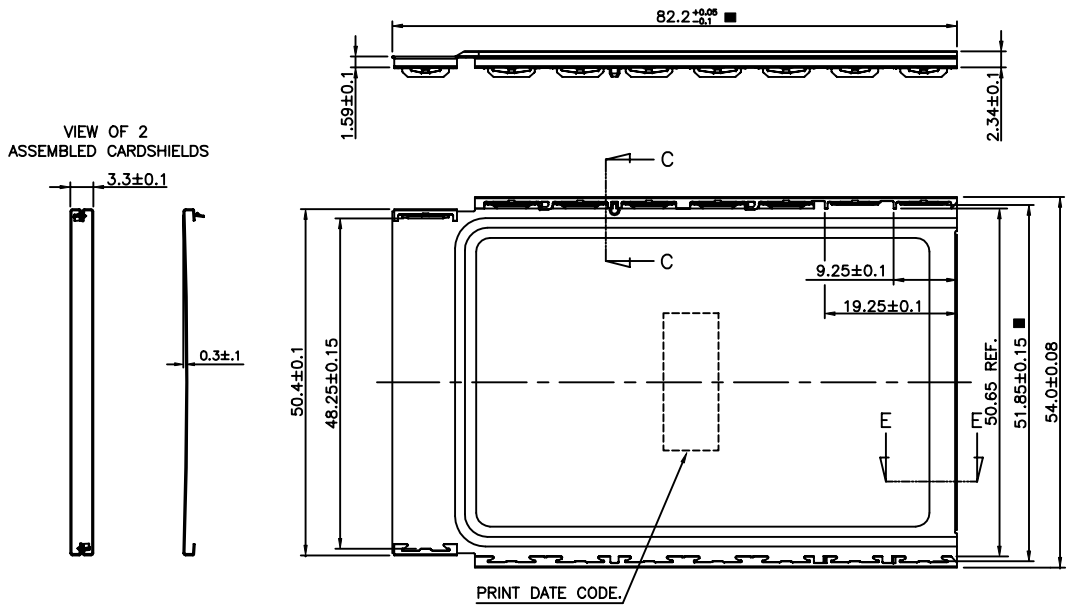
mat'l code					tolerance unless otherwise specified		CUSTOMER				www.fciconnect.com		
rev. ecn no. dr date					linear	X. ±0.3		COPY		 title ROCARD SHIELD CUSTOMIZED INSULATOR			
F						.X ±0.13		projection					
						.XX±0.05							
					angles		±2°						
					dr	WENDY CHEN 04/03/03		unit		product family PCMCIA		code	
					engr	DAVID TENG 04/03/03		mm/inch					
					chr	TONY CHEN 04/03/03		scale		size		dwg no.	sheet
					appd	JENN TSAO 04/03/03				A3		10017657	7 of
sheet		revision											
index		sheet											

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1	PRODUCT NUMBER	2	GEMTEK P/N
	10017657-20130-G1 OR 10017657-20130-1LF		23-600-0027



SEC. C-C
(SCALE 5:1)

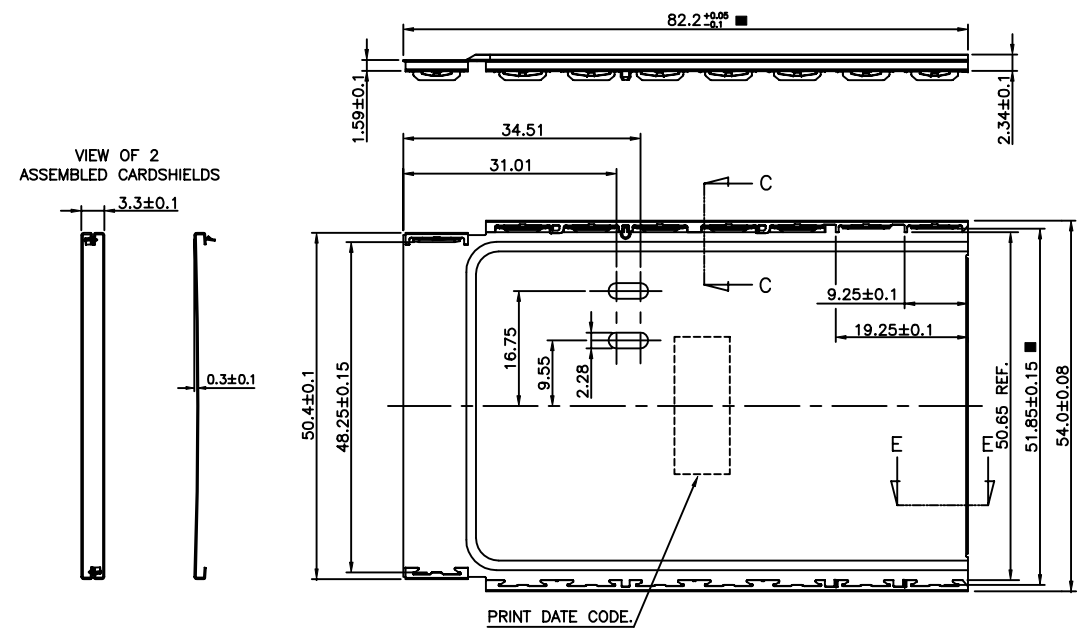
NOTE: 1. ■ : CPK MARK >= 1.5

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rev.	ecn	no.	dr	date	linear	X. ±0.3 .X ±0.13 .XX ±0.05	COPY		
F					angles	±2°	projection	title	
					dr	WENDY CHEN 07/15/03	unit	ROCARD SHIELD	
					enr	DAVID TENG 07/15/03	mm/inch	CUSTOMIZED INSULATOR	
					chr	TONY CHEN 07/15/03	scale	product family	code
					appd	JENN TSAO 07/15/03		PCMCIA	
sheet	revision							size	dwg no.
index	sheet							A3	10017657
									sheet 8 OF

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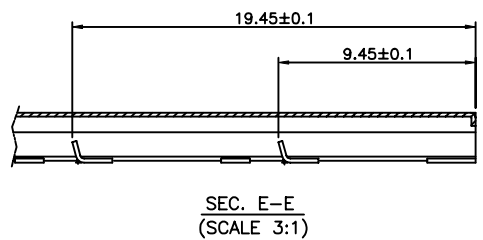
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1		2		3		4		5		6	
PRODUCT NUMBER				REMARK							
10017657-20000 OR 10017657-20000LF				STANDARD TYPE (NONE OVAL-SHAPE HOLE)							
10017657-20000-01 OR 10017657-20000-1LF				FOR NOVATEL SPECIAL REQUEST (WITH OVAL-SHPAE HOLE)							

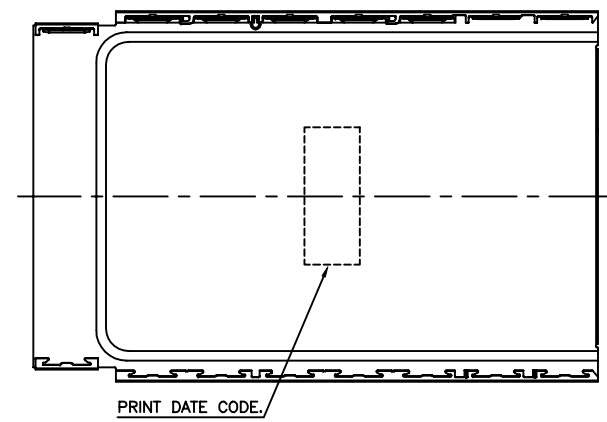
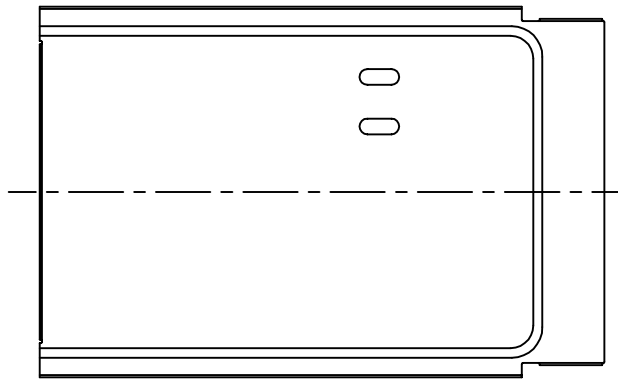


VIEW OF 2
ASSEMBLED CARDSHIELDS

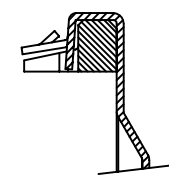
VIEW OF 2
ASSEMBLED CARDSHIELDS



SEC. E-E
(SCALE 3:1)



P/N: 10017657-20000 OR 10017657-20000LF



SEC. C-C
(SCALE 5:1)

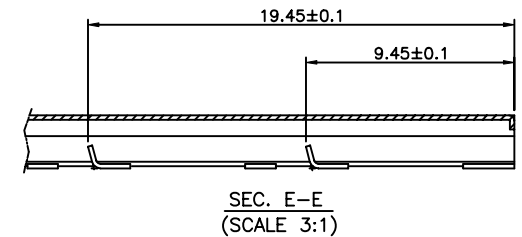
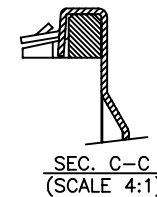
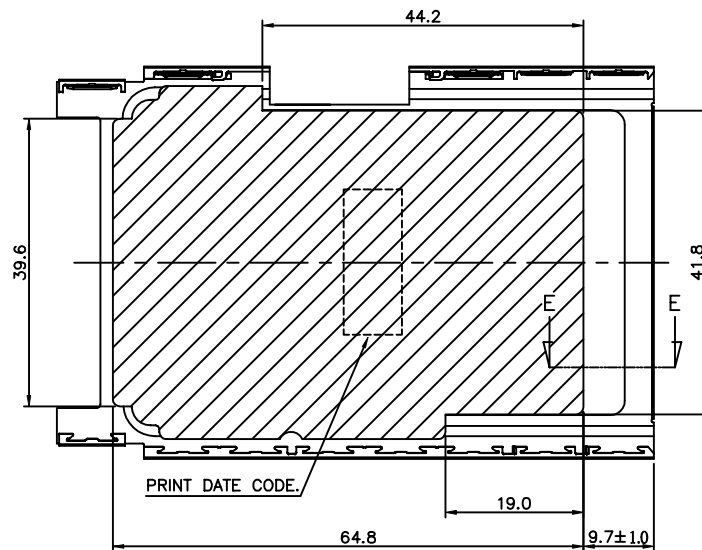
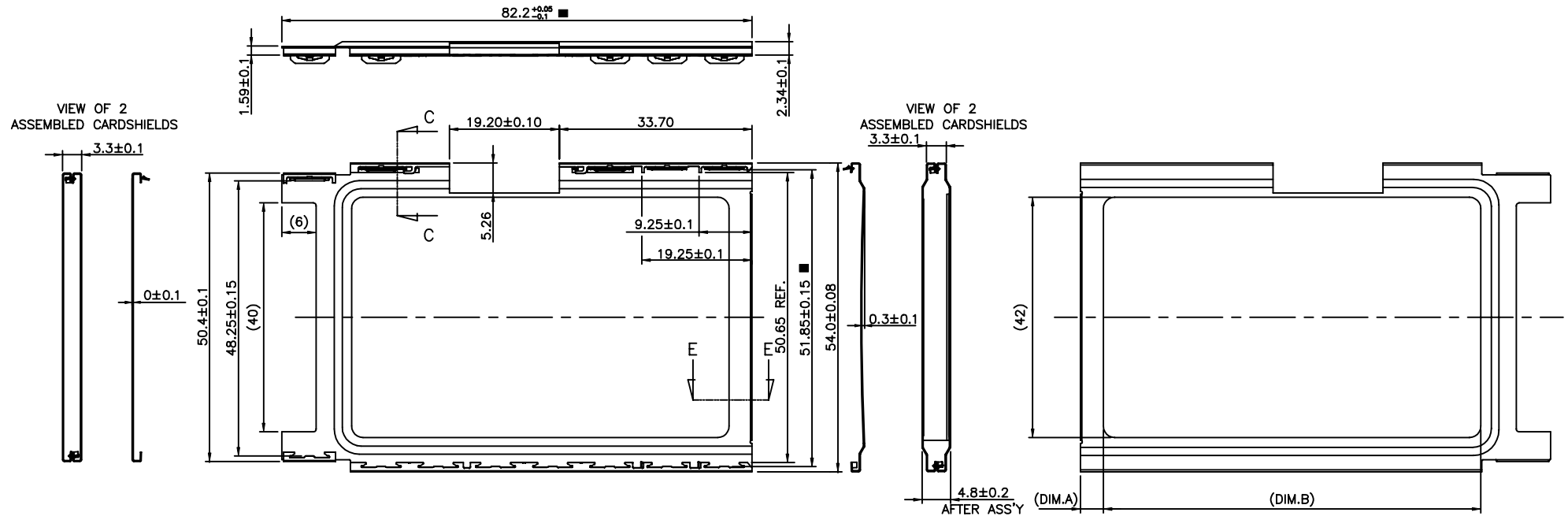
NOTE: 1. ■ : CPK MARK>=1.5

mat'l code					tolerance unless otherwise specified			CUSTOMER COPY		 www.fciconnect.com					
rev.	ecn	no.	dr	date	linear	X. ±0.3				title ROCARD SHIELD CUSTOMIZED REQUIREMENT					
F						.X ±0.13									
						.XX±0.05									
					angles	±2°									
					dr	WENDY CHEN	04/03/06	unit	product family PCMCIA					code	
					engr	DAVID TENG	04/03/06	mm/inch							
					chr	DAVID TENG	04/03/06	scale							
					appd	JOSEPH HSIA	04/03/06		A3	size dwg no.			sheet 9 of		
sheet	revision														
index	sheet														

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PRODUCT NUMBER	DIM.A	DIM.B	FRAME	INSULATOR
10017657-20201-1LF	7.0	63	YES WITH SPECIAL CUT	YES



NOTE: 1. ■ : CPK MARK>=1.5

mat'l code					tolerance unless otherwise specified		CUSTOMER	
rev.	ecn	no.	dr	date	linear	X. ±0.3 .X ±0.13 .XX±0.05	COPY	
H					angles	±2°	projection	title
					dr	WENDY CHEN 05/10/06	unit	ROCARD SHIELD
					enr	DAVID TENG 05/10/06	mm/inch	CUSTOMIZED REQUIREMENT
					chr	DAVID TENG 05/10/06	scale	product family PCMCIA
					appd	JOSEPH HSIA 05/10/06	size	code
sheet	revision						A3	dwg no.
index	sheet							10017657
								sheet 100F

P/N: 10017657-20201-1LF