

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.

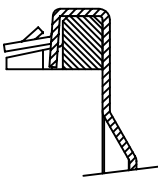
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rev.	ecn no.	dr	date	linear				projection		title	
C	T03-0111	WL	04/03/03					projection		ROCARD SHIELD	
D	T03-0290	WL	07/15/03	angles							
E	T03-0314	WL	08/05/03								
F	T06-0056	WL	04/03/06	dr	WENDY CHEN	10/21/02	unit	product family PCMCIA		code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

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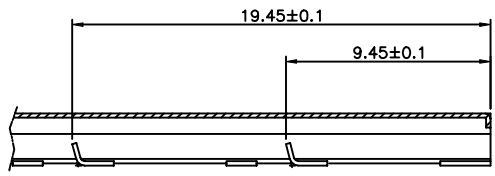
FCI

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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



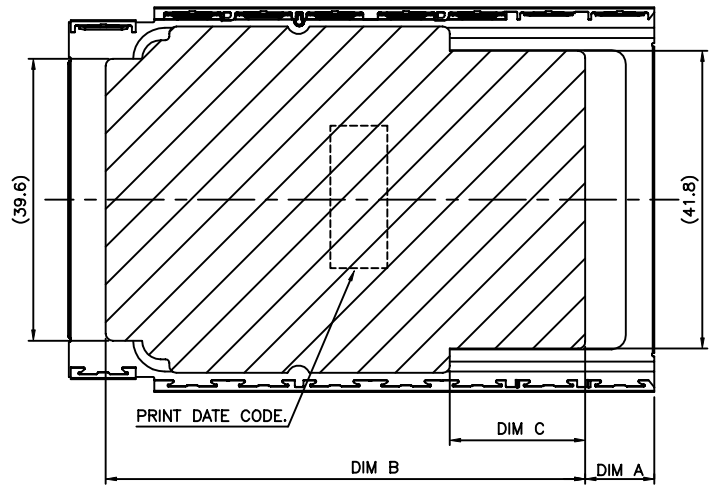
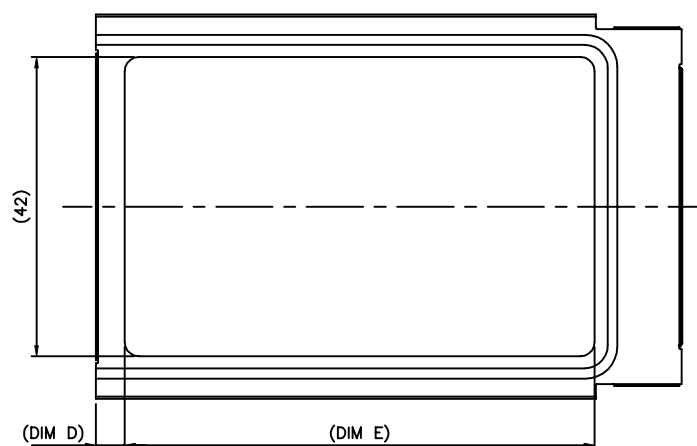
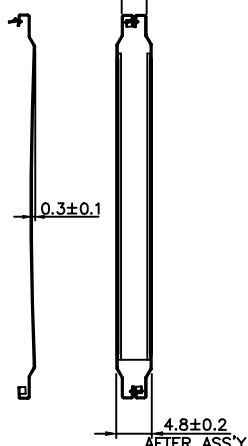
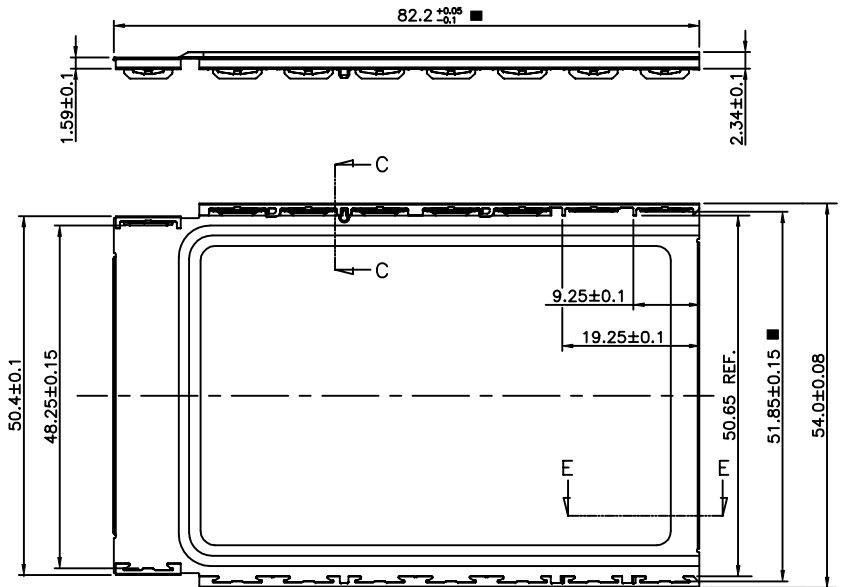
SEC. C-C
(SCALE 5:1)



SEC. E-E
(SCALE 3:1)

VIEW OF 2
ASSEMBLED CARDSHIELDS

VIEW OF 2
ASSEMBLED CARDSHIELDS



NOTE: 1. ■ : CPK MARK>=1.5

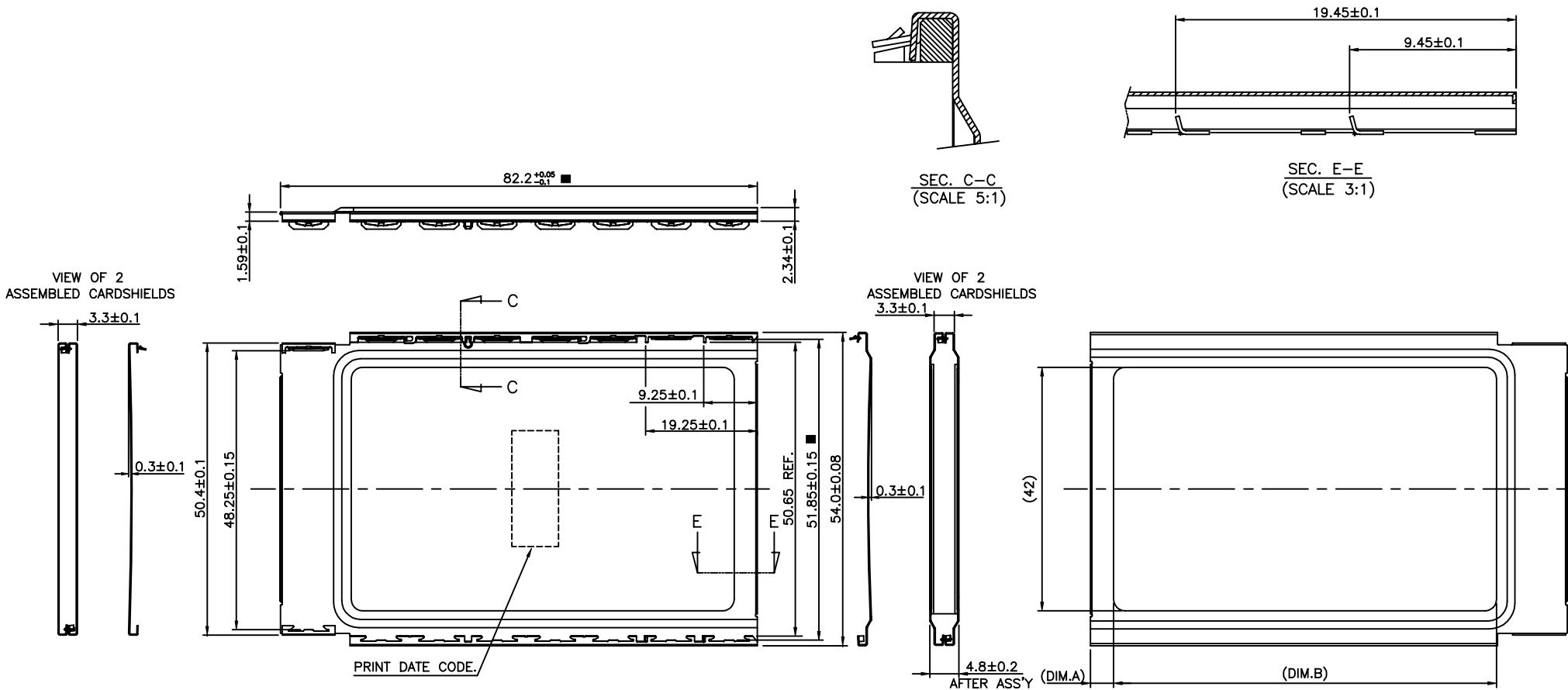
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rev.	ecn	no.	dr	date	linear	X. ±0.3	COPY		
F						.X ±0.13	projection	title	
						.XX±0.05		ROCARD SHIELD	
					angles	±2°			
					dr	WENDY CHEN 10/21/02	unit	product family PCMCIA	
					enr	DAVID TENG 10/21/02	mm/inch	code	
					chr	TONY CHIEN 10/21/02	scale	size dwg no.	
					appd	JENN TSAO 10/21/02		A3 10017657	
sheet		revision						sheet	
index		sheet						2 OF	

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PRODUCT NUMBER	DIM.A	DIM.B
10017657-20100 OR 10017657-20100LF	4.0	66
10017657-20200 OR 10017657-20200LF	7.0	63



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	COPY		
F						.X ±0.13	projection	title ROCARD SHIELD	
						.XX ±0.05	⊕		
					angles	±2°		product family PCMCIA	
					dr	WENDY CHEN 10/21/02	unit		
					enr	DAVID TENG 10/21/02	mm/inch	code	
					chr	TONY CHIEN 10/21/02	scale		
					appd	JENN TSAO 10/21/02		size dwg no. A3 10017657	
sheet	revision								
index	sheet							sheet 3 OF	

PRODUCT NUMBER	DIM.A	DIM.B
10017657-20101 OR 10017657-20101LF	4.0	66
10017657-20201 OR 10017657-20201LF	7.0	63

Technical drawing of a card shield assembly. The drawing includes a top view, two side views, and two cross-sectional views (SEC. C-C and SEC. E-E). Dimensions are provided in millimeters with tolerances. Key dimensions include: overall length 82.2 ±0.05, overall width 50.4 ±0.1, and various internal features and tolerances. The top view shows a rectangular shape with a central cutout and a dashed line indicating a fold or bend. The side views show the profile of the shield, including the mounting tabs. The cross-sectional views show the internal structure and the relationship between the shield and the card.

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			projection	COPY		
F					.X ±0.13					title	ROCARD SHIELD
				angles	.XX±0.05						
				dr	WENDY CHEN	10/21/02	unit	product family	PCMCIA		
				enrg	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 4 OF		
sheet index	revision	sheet									

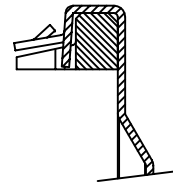
NOTE: 1. ■ : CPK MARK $\geq$ 1.5

mat'l code					tolerance unless otherwise specified			CUSTOMER		 www.fciconnect.com		
rev.	ecn	no.	dr	date	linear	X. ± 0.3	COPY	projection 	title ROCARD SHIELD			
F				.X ± 0.13								
				.XX ± 0.05								
					angles	$\pm 2^\circ$						
					dr	WENDY CHEN	10/21/02	unit mm/inch	product family		PCMCIA	code
					enrg	DAVID TENG	10/21/02		size	dwg no.		
					chr	TONY CHIEN	10/21/02	scale	A3		10017657	sheet
					appd	JENN TSAO	10/21/02					4 OF
sheet	revision											
index	sheet											

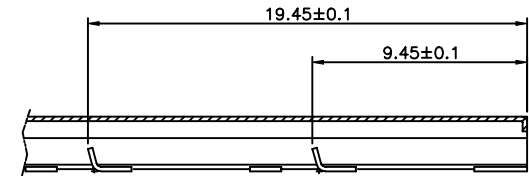
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PRODUCT NUMBER	DIM A	DIM B	DIM C	DIM D	DIM E
10017657-20111 OR 10017657-20111LF	1.4±1.0	73.1 REF	27.3 REF	4.0	66
10017657-20121 OR 10017657-20121LF	9.7±1.0	64.8 REF	19.0 REF	4.0	66
10017657-20211 OR 10017657-20211LF	1.4±1.0	73.1 REF	27.3 REF	7.0	63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



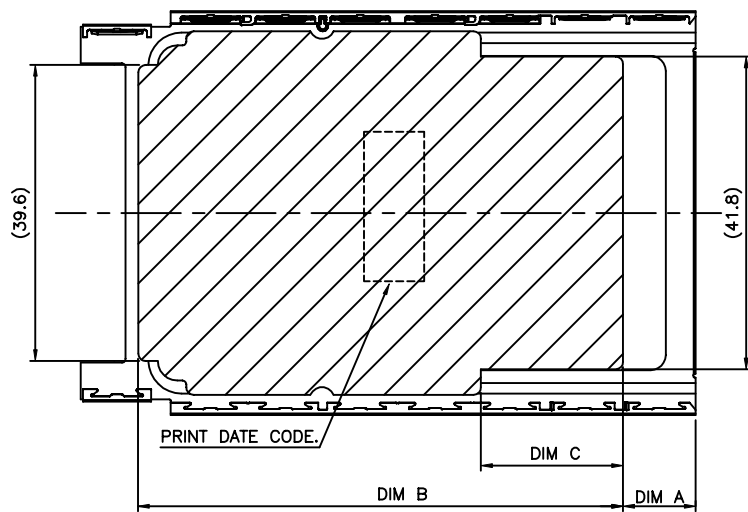
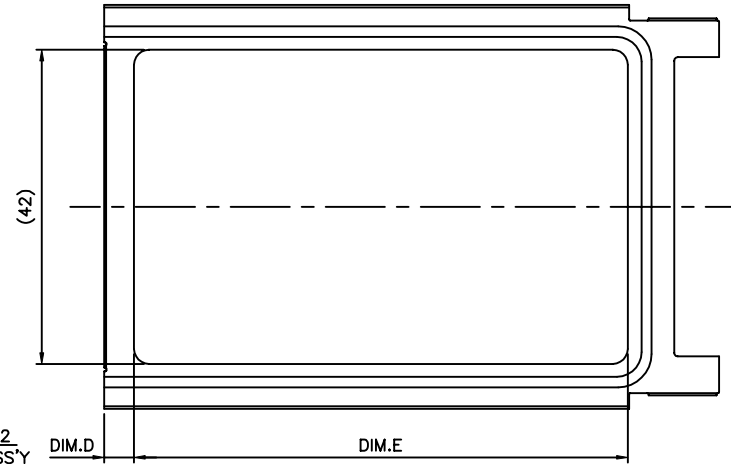
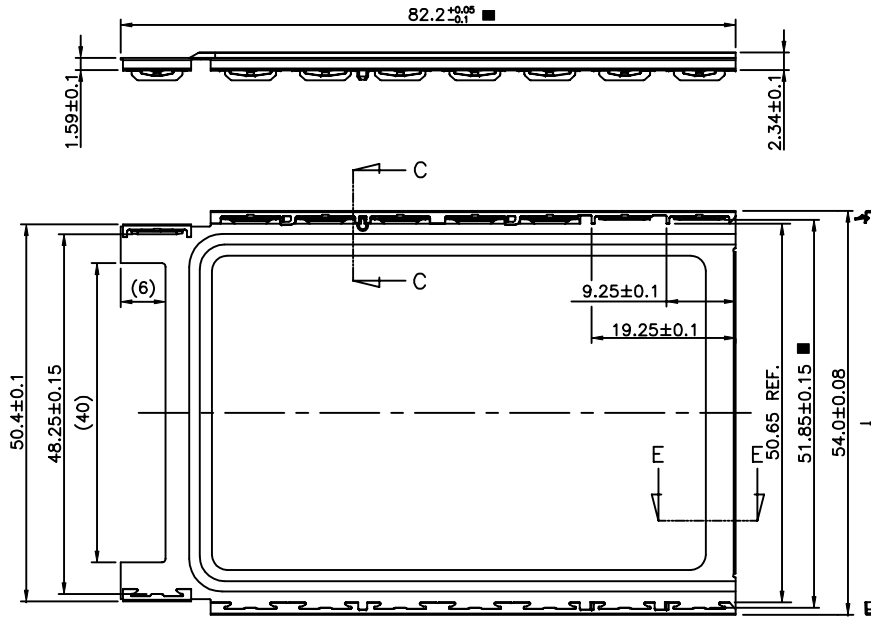
SEC. C-C
(SCALE 5:1)



SEC. E-E
(SCALE 3:1)

VIEW OF 2
ASSEMBLED CARDSHIELDS

VIEW OF 2
ASSEMBLED CARDSHIELDS

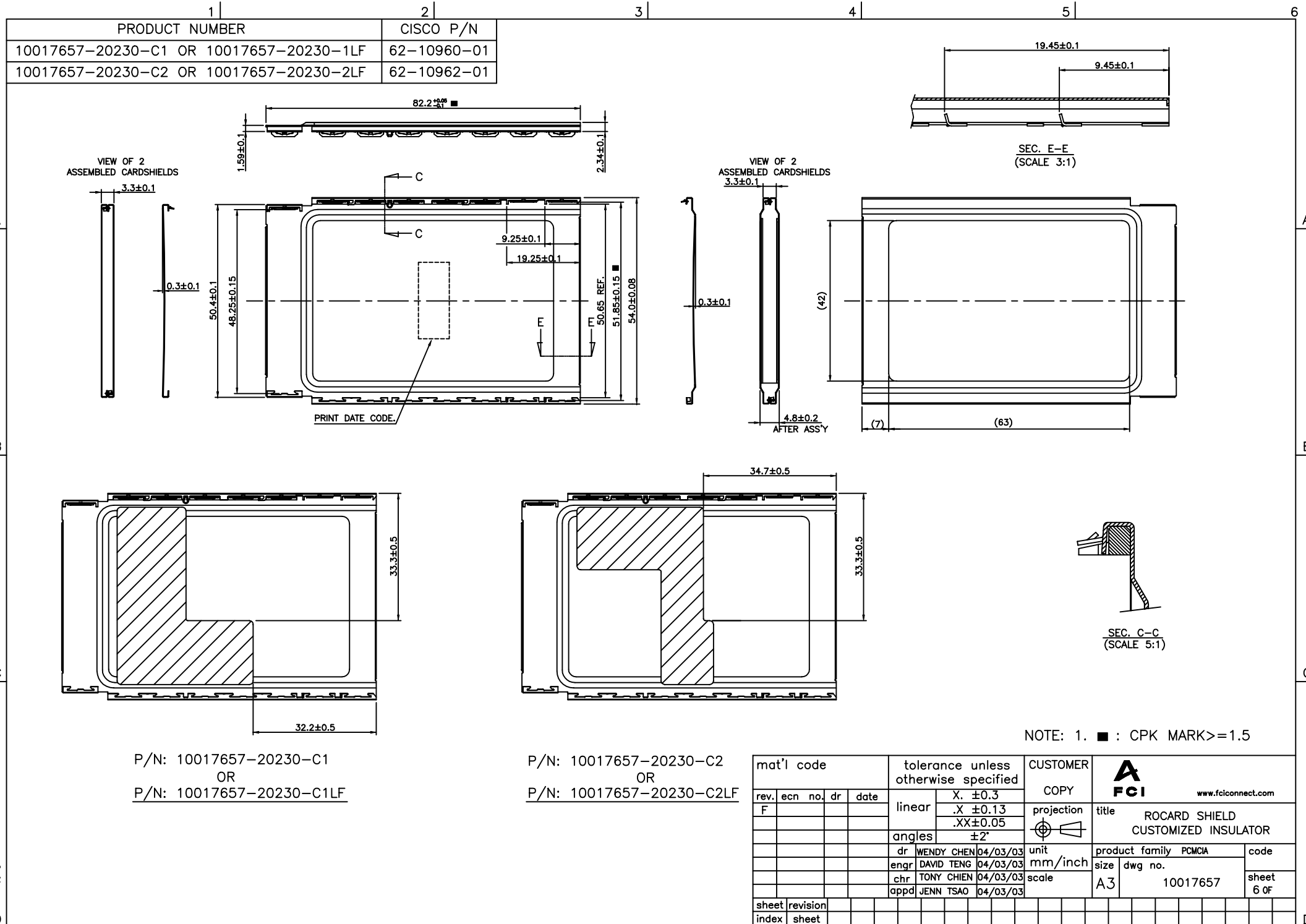


NOTE: 1. ■ : CPK MARK>=1.5

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rev.	ecn	no.	dr	date	linear	X. ±0.3 .X ±0.13 .XX±0.05	projection	unit				
F					angles	±2°		mm/inch			product family	code
					dr	WENDY CHEN	10/21/02	scale			size	dwg no.
					enr	DAVID TENG	10/21/02				A3	10017657
					chr	TONY CHIEN	10/21/02					sheet
					appd	JENN TSAO	10/21/02					5 OF
sheet	revision											
index	sheet											

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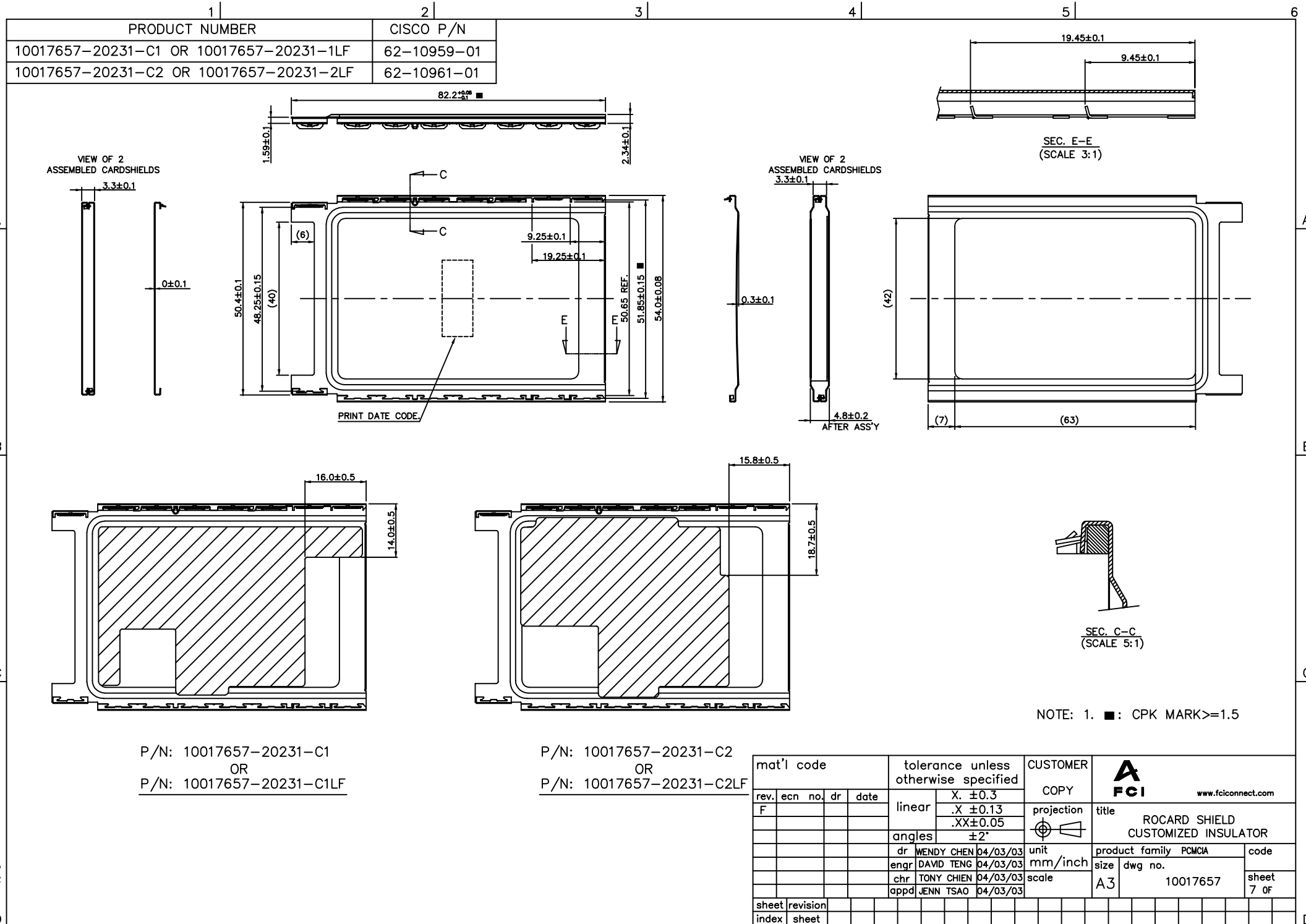
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OR
P/N: 10017657-20230-C1LF

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

mat'l code					tolerance unless otherwise specified		CUSTOMER	
rev.	ecn	no.	dr	date	linear	X. ±0.3	projection	COPY
F						.X ±0.13		
						.XX±0.05		
					angles	±2°	unit mm/inch scale	title
			dr	WENDY CHEN 04/03/03				
			enr	DAVID TENG 04/03/03				
			chr	TONY CHIEN 04/03/03			A3	product family PCMCIA
			appd	JENN TSAO 04/03/03				
sheet index	revision sheet						size	dwg no.
							10017657	code
								sheet 6 OF

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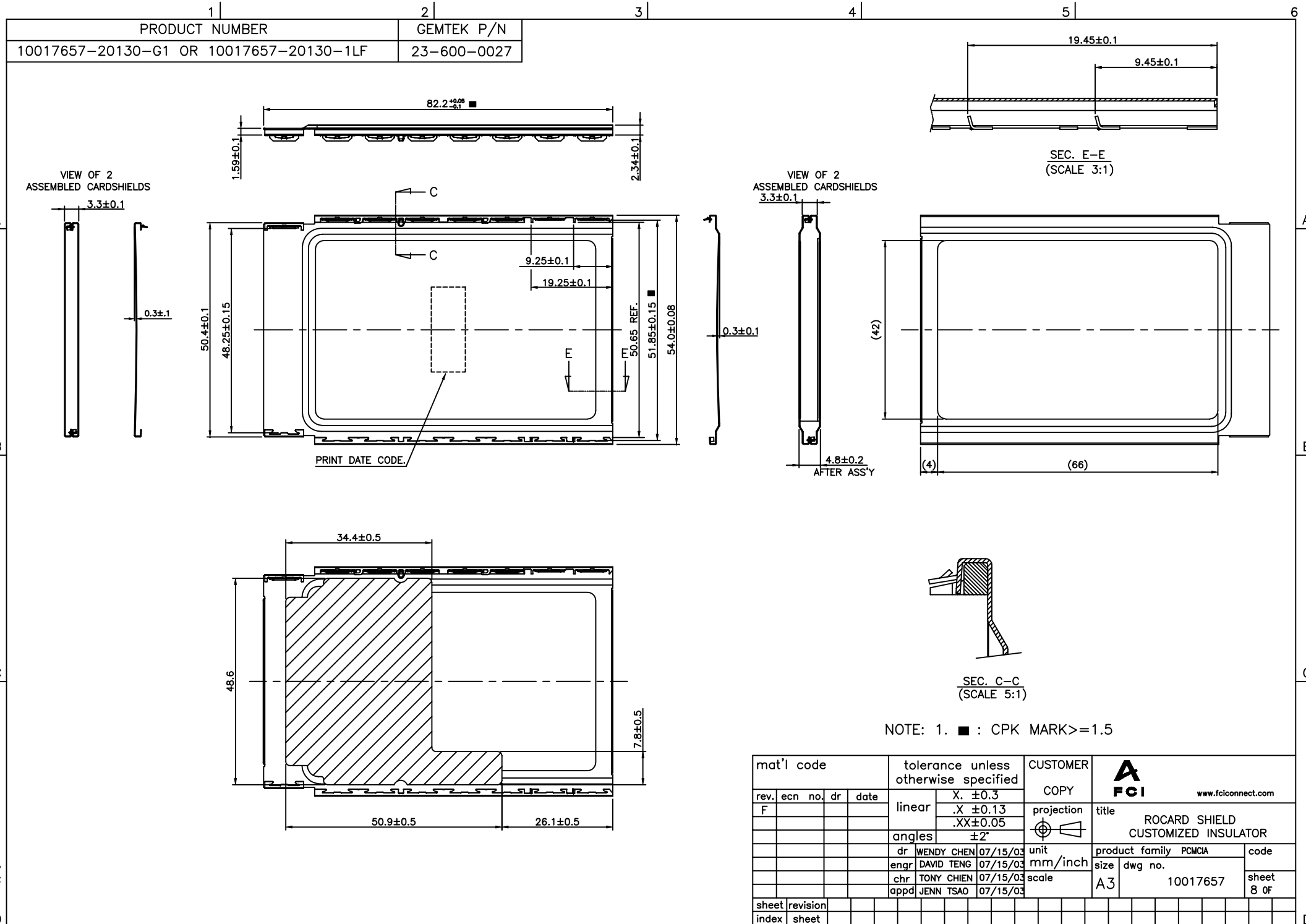
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NOTE: 1. ■ : CPK MARK >= 1.5

mat'l code				tolerance unless otherwise specified		CUSTOMER	
rev.	ecn	no.	dr	date		COPY	
F					linear	X. ±0.3	
						.X ±0.13	
						.XX ±0.05	
					angles	±2°	
				dr	WENDY CHEN	07/15/03	unit
				enr	DAVID TENG	07/15/03	mm/inch
				chr	TONY CHEN	07/15/03	scale
				appd	JENN TSAO	07/15/03	
sheet	revision						
index	sheet						

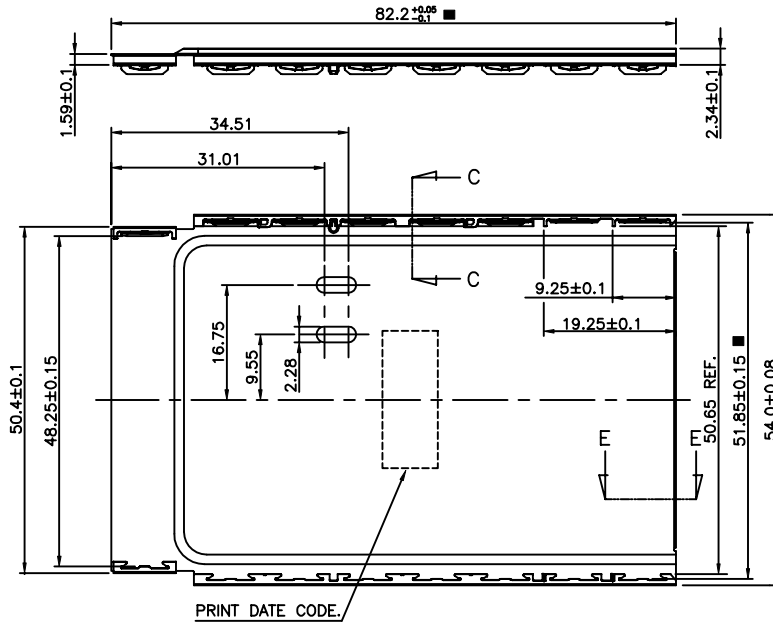
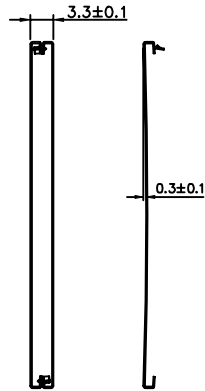
title		product family		code
ROCARD SHIELD		PCMCIA		
CUSTOMIZED INSULATOR				
size	dwg no.			sheet
A3	10017657			8 OF

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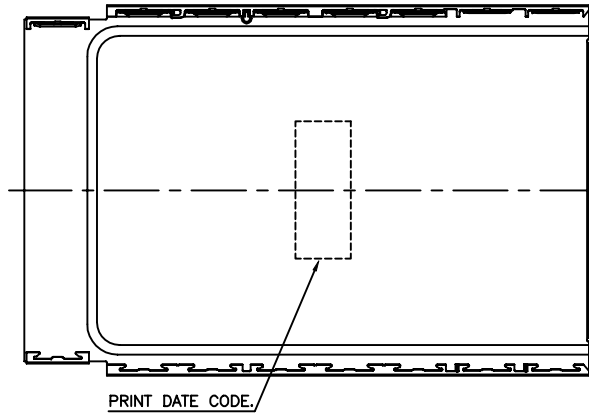
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1 PRODUCT NUMBER		2	3 REMARK	4	5	6
10017657-20000 OR 10017657-20000LF			STANDARD TYPE (NONE OVAL-SHAPE HOLE)			
10017657-20000-01 OR 10017657-20000-1LF			FOR NOVATEL SPECIAL REQUEST (WITH OVAL-SHPAE HOLE)			

VIEW OF 2
ASSEMBLED CARDSHIELDS

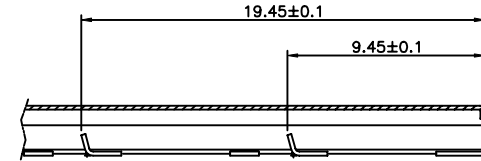
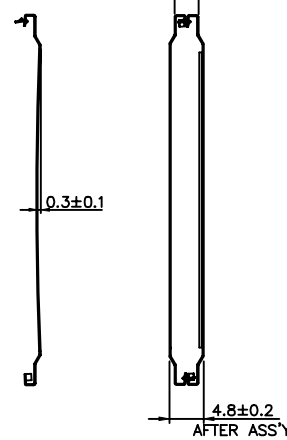


PRINT DATE CODE.

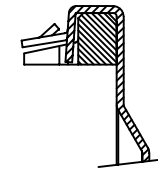
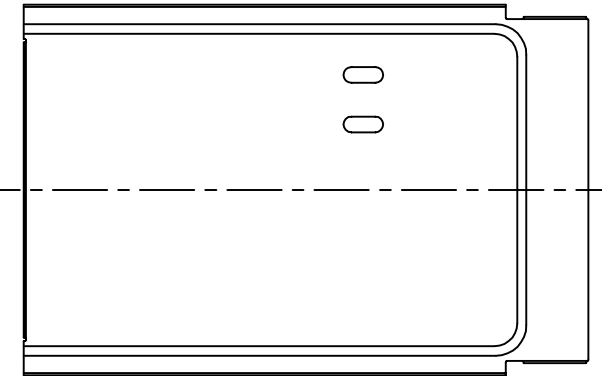


P/N: 10017657-20000 OR 10017657-20000LF

VIEW OF 2
ASSEMBLED CARDSHIELDS



SEC. E-E
(SCALE 3:1)



SEC. C-C
(SCALE 5:1)

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 REQUIREMENT	
F						.X ± 0.13		projection				
						.XX ± 0.05						
					angles	$\pm 2^\circ$						
					dr	WENDY CHEN	04/03/06	unit	product family PCMCIA			code
					enrg	DAVID TENG	04/03/06	mm/inch	size		dwg no.	
					chr	DAVID TENG	04/03/06	scale	A3		10017657	sheet
					appd	JOSEPH HSIA	04/03/06					9 of
sheet	revision											
index	sheet											



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ROCARD SHIELD
CUSTOMIZED REQUIREMENT

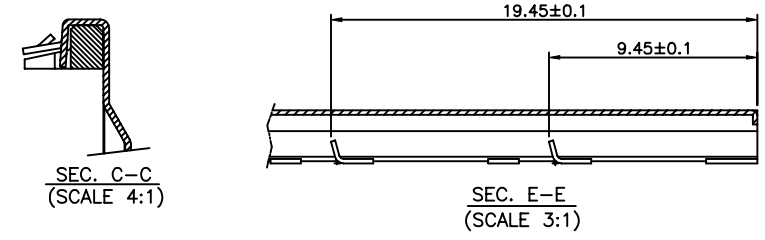
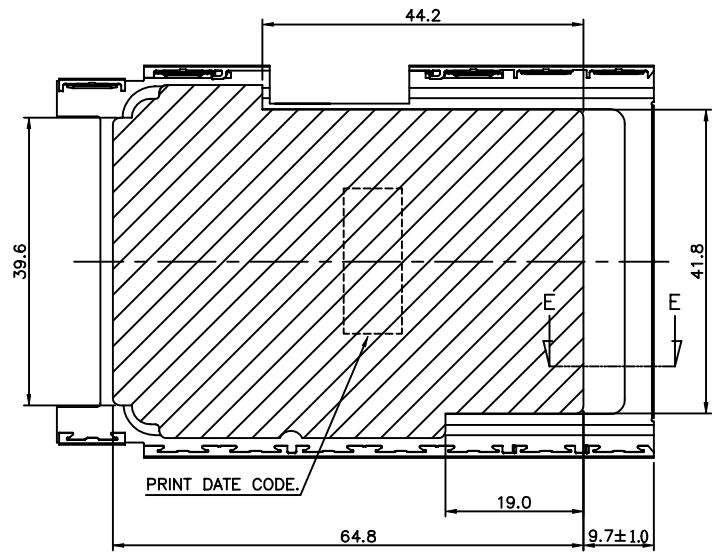
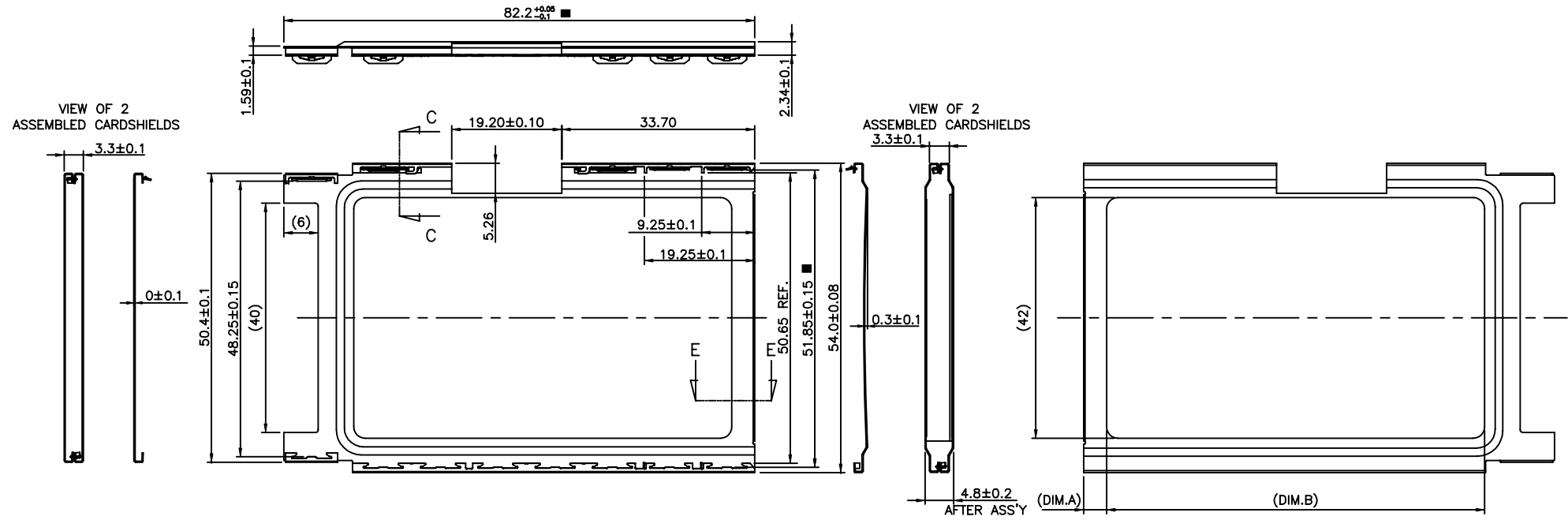
product family PCMCIA code
size dwg no. 10017657 sheet 9 OF

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1		2		3		4		5		6
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		 www.fciconnect.com	
rev.	ecn	no.	dr	date	linear	X. ±0.3		COPY			
H						.X ±0.13		projection			
						.XX±0.05					
					angles	±2°		title ROCARD SHIELD CUSTOMIZED REQUIREMENT			
					dr	WENDY CHEN	05/10/06				
					engr	DAVID TENG	05/10/06	mm/inch	product family PCMCIA		code
					chr	DAVID TENG	05/10/06	scale	size	dwg no.	
					appd	JOSEPH HSIA	05/10/06		A3	10017657	sheet 100F
sheet	revision										
index	sheet										

P/N: 10017657-20201-1LF