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RELEASED FOR PUBLICATION

20071017

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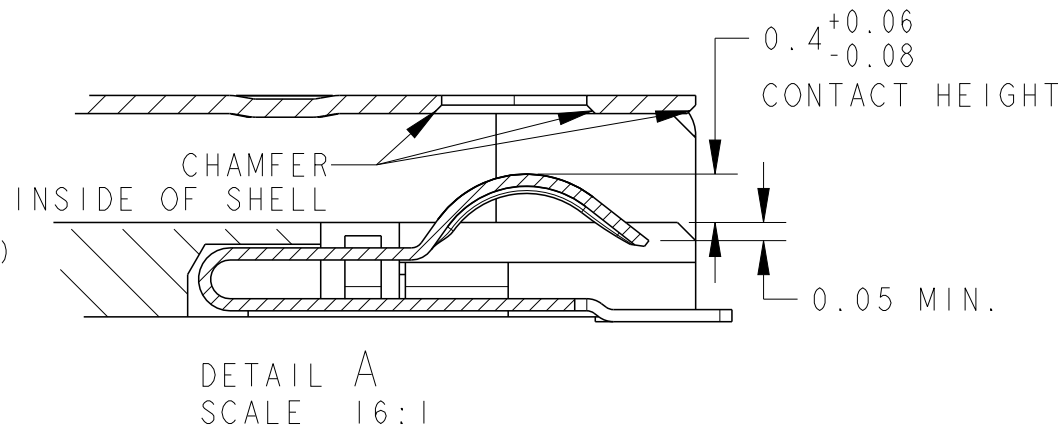
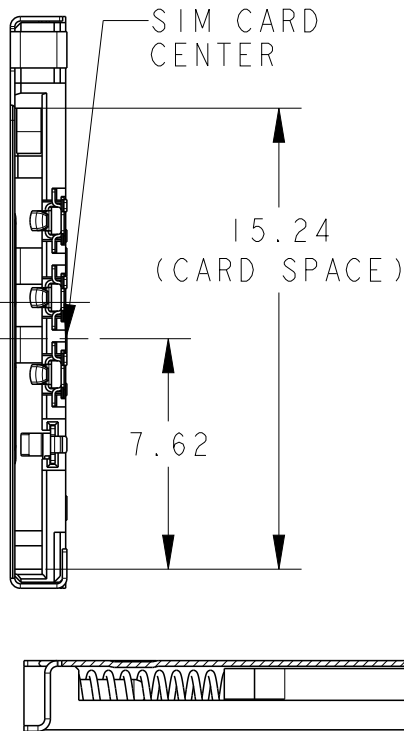
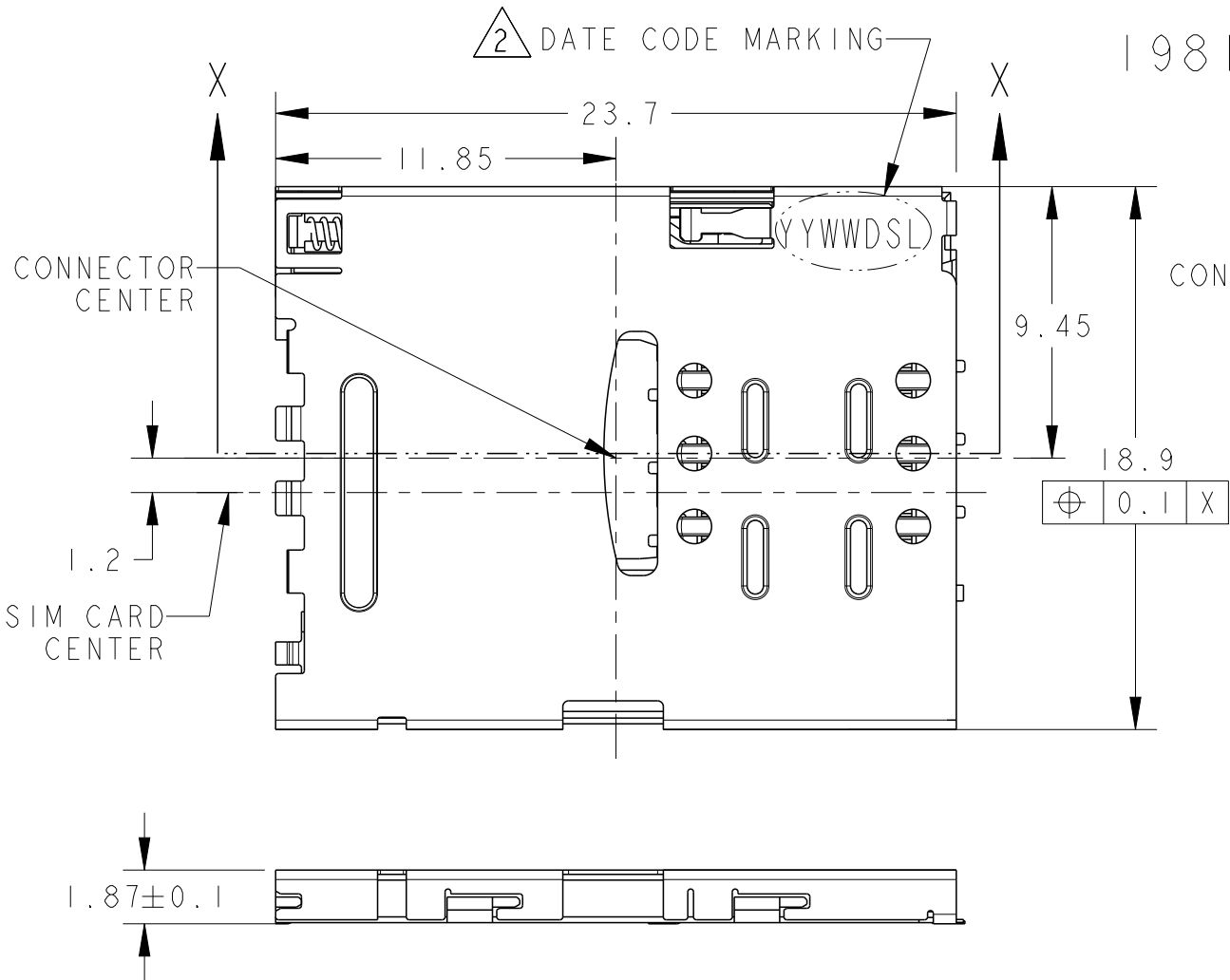
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REVISIONS

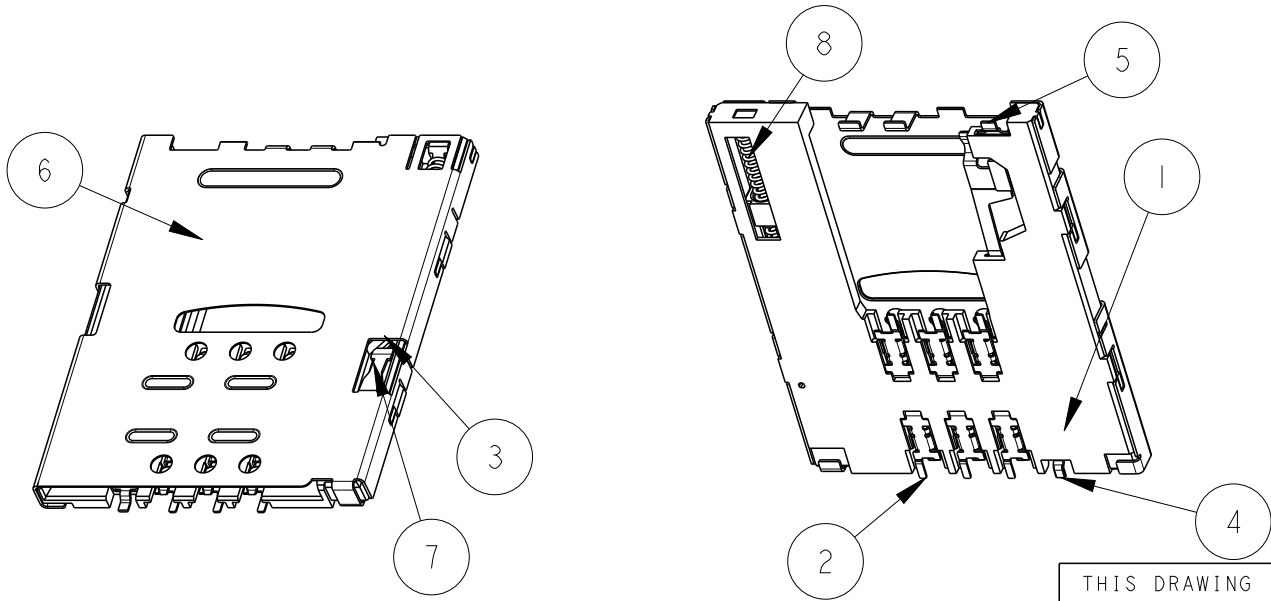
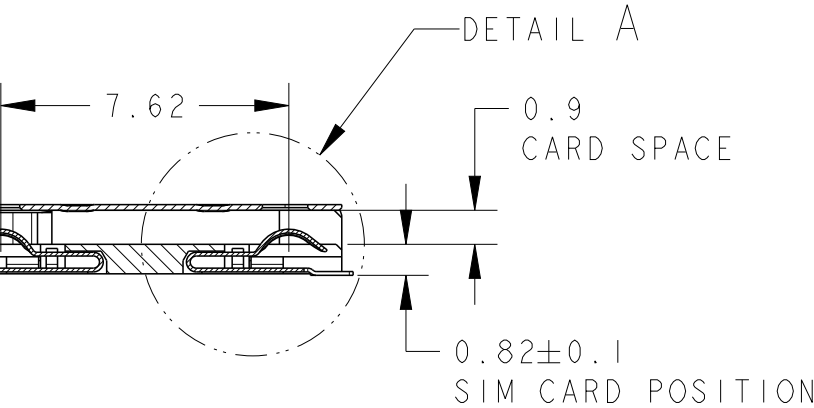
変更

P	LTR	DESCRIPTION	DATE	DWN	APVD
	D1	REVISED	27MAR2020	N. U	K. K
	D2	REVICED	12DEC2022	M. T	H. T

1981959-1; AS SHOWN



SECT X-X
SCALE 5:1



1	—	STEEL WIRE	COIL SPRING	8
1	—	STAINLESS	CAM ROD	7
1	ALL OVER Ni; 1um MIN SOLDERING AREA; MATTE TIN PLATING	COPPER ALLOY	SHELL	6
1	ALL OVER Ni; 1um MIN CONTACT AREA; Au 0.05um MIN SOLDERING AREA; TIN PLATING	COPPER ALLOY	SWITCH B	5
1	ALL OVER Ni; 1um MIN CONTACT AREA; Au 0.05um MIN SOLDERING AREA; TIN PLATING	COPPER ALLOY	SWITCH A	4
1	COLOR; BLACK	LCP	SLIDER	3
6	ALL OVER Ni; 1um MIN CONTACT AREA; Au 0.4um MIN SOLDERING AREA; Au 0.05um MIN	COPPER ALLOY	CONTACT	2
1	COLOR; BLACK	LCP	HOUSING	1
QTY	FINISH	MATERIAL	DESCRIPTION	ITEM

1. CONNECTOR INITIAL COPLANARITY; 0.1mmMAX.

2. MARK DATE CODE

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
単位: 耗
mm

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

一般公差 ±0.12
0-PLC ±
1-PLC ±
2-PLC ±
3-PLC ±
4-PLC ±
ANGLES ±

MATERIAL
材料 SEE TABLE

FINISH
仕上 SEE TABLE

DWN 02NOV2007

C. OHASHI

CHK 02NOV2007

Y. NAKAZAWA

APVD 08NOV2007

T. FUTATSUGI

PRODUCT SPEC

製品規格

108-78454

APPLICATION SPEC

取付適用規格

WEIGHT

1.2g

TE

TE Connectivity

NAME

名称

SIM CONNECTOR
PUSH-PUSH TYPE
H1.87 WITH SWITCH

SIZE

CAGE CODE

DRAWING NO

番号

A3

00779

C-1981959

RESTRICTED TO

-

Customer Drawing

SCALE

尺度

4:1

SHEET

1

OF

5

REV

D2

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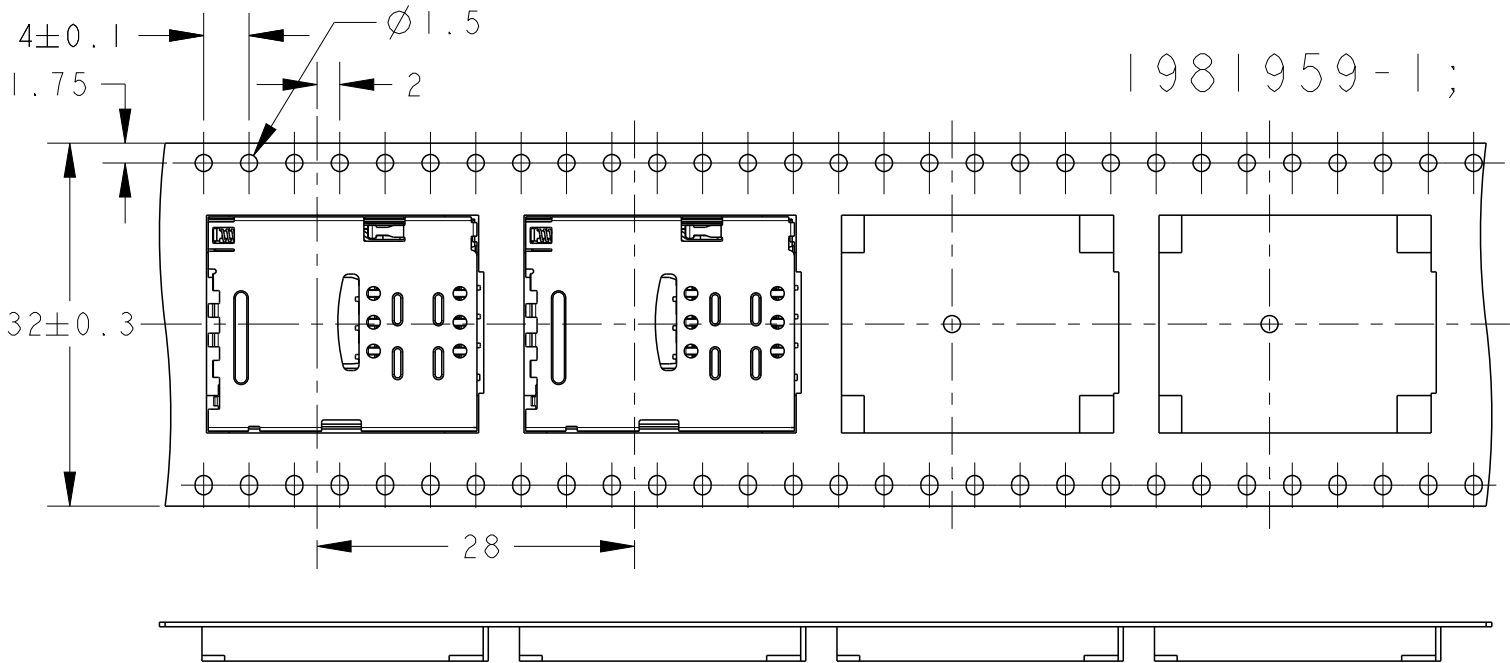
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REVISIONS

変更

P	LTR	DESCRIPTION	DATE	DWN	APVD

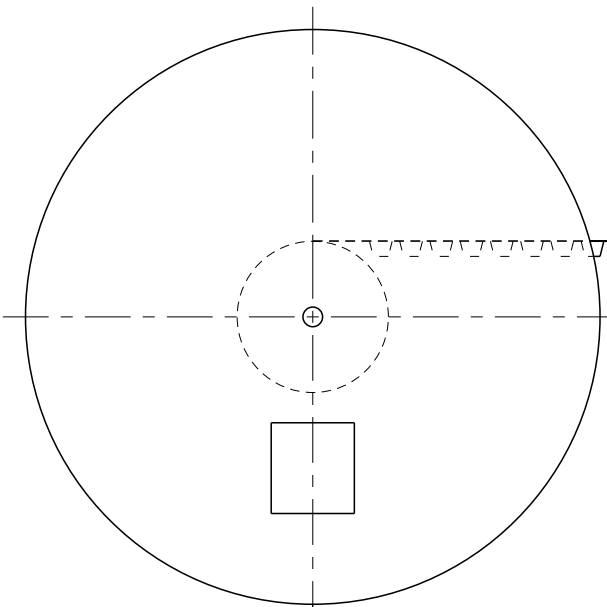
1981959-1; AS SHOWN



FRANGE CORE DIA
Ø100±1

Ø380±1
REEL DIA.

32.4⁺²₀
38.4 MAX
REEL WIDTH



WEEDING THE COVER TAPE
300 REF
カバーテープリーダ部

剥離角度165°~180°
PEELING ANGLE
剥離強度; 0.1~1.3N MAX(300mm/min)
PEELING STRENGTH

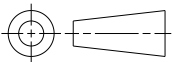
製品装填部
WITH PRODUCT CHARGE
800個/1リール
800EA/1REEL

空部 7~10穴
WITHOUT CHARGE
7~10HOLES

300 REF
空部
WITHOUT CHARGE

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
単位: 耗
mm



MATERIAL
材料

TOLERANCES UNLESS
OTHERWISE SPECIFIED:
一般公差 ±0.2

0-PLC ±
1-PLC ±
2-PLC ±
3-PLC ±
4-PLC ±
ANGLES ±

FINISH
仕上

DWN

CHK

APVD

PRODUCT SPEC
製品規格

APPLICATION SPEC
取付適用規格

WEIGHT

Customer Drawing



TE Connectivity

NAME
名称

SIM CONNECTOR
PUSH-PUSH TYPE
HI.87 WITH SWITCH

SIZE

CAGE CODE

DRAWING NO
番号

RESTRICTED TO
-

A300779C-1981959

SCALE
尺度 4:1

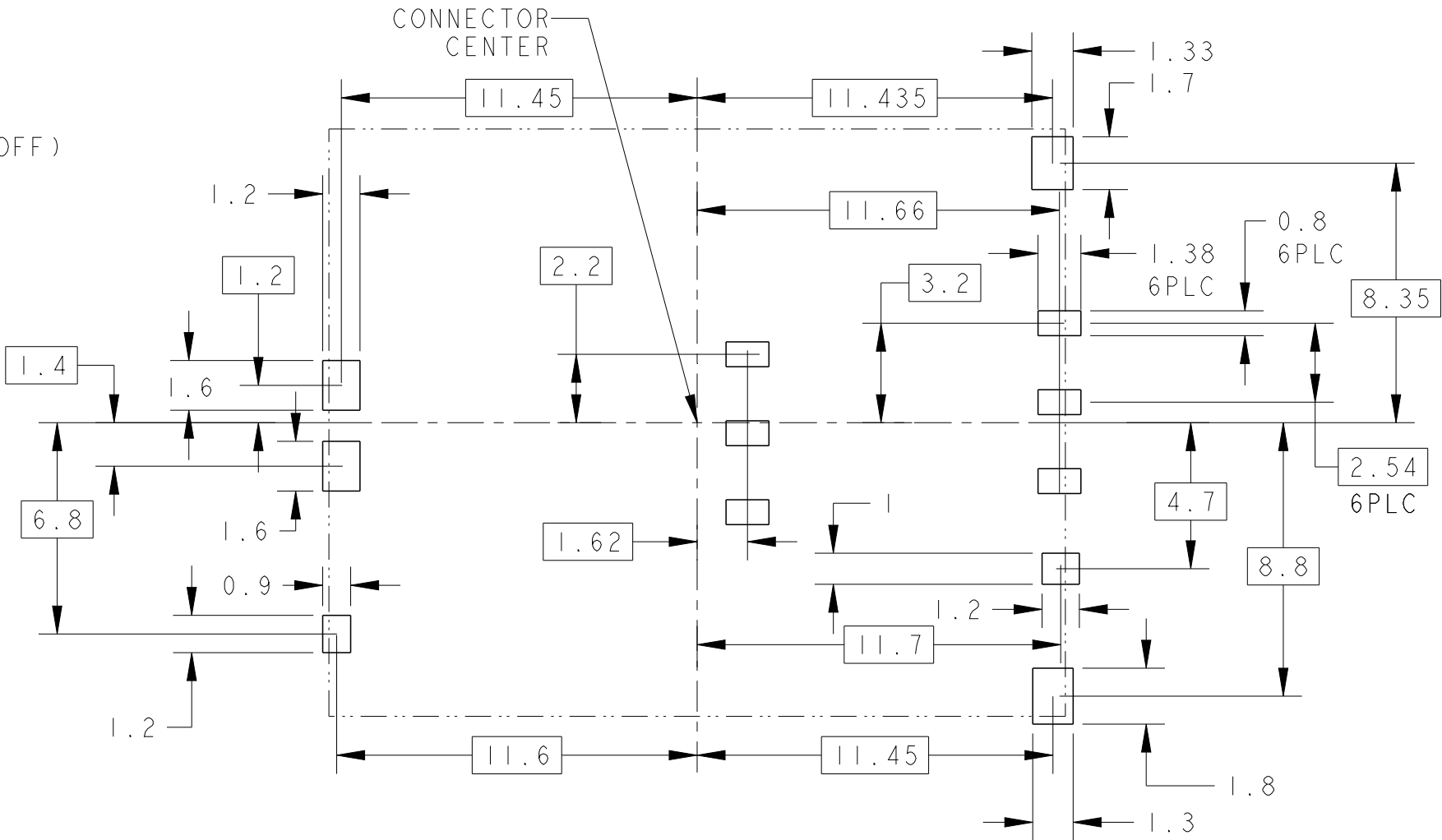
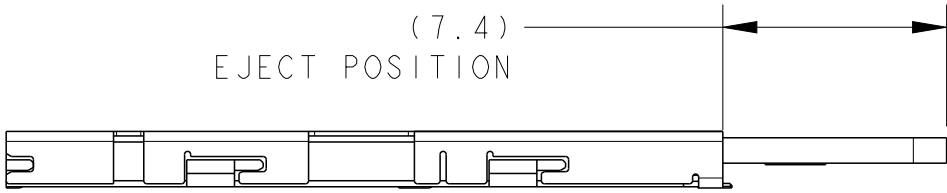
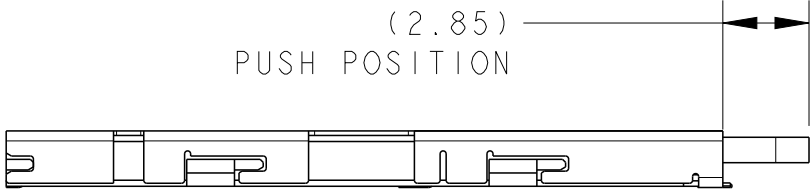
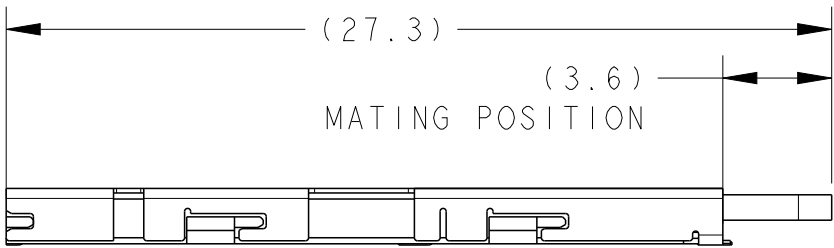
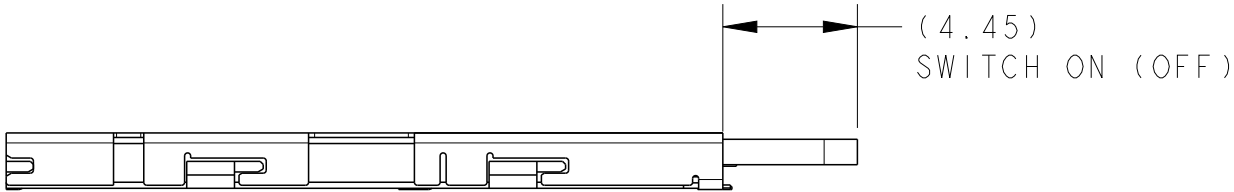
SHEET
2 OF 5

REV
D2

REVISIONS 変更				
P	LTR	DESCRIPTION	DATE	DWN

ONLY FOR ENGINEERING EVALUATION

CARD POSITION



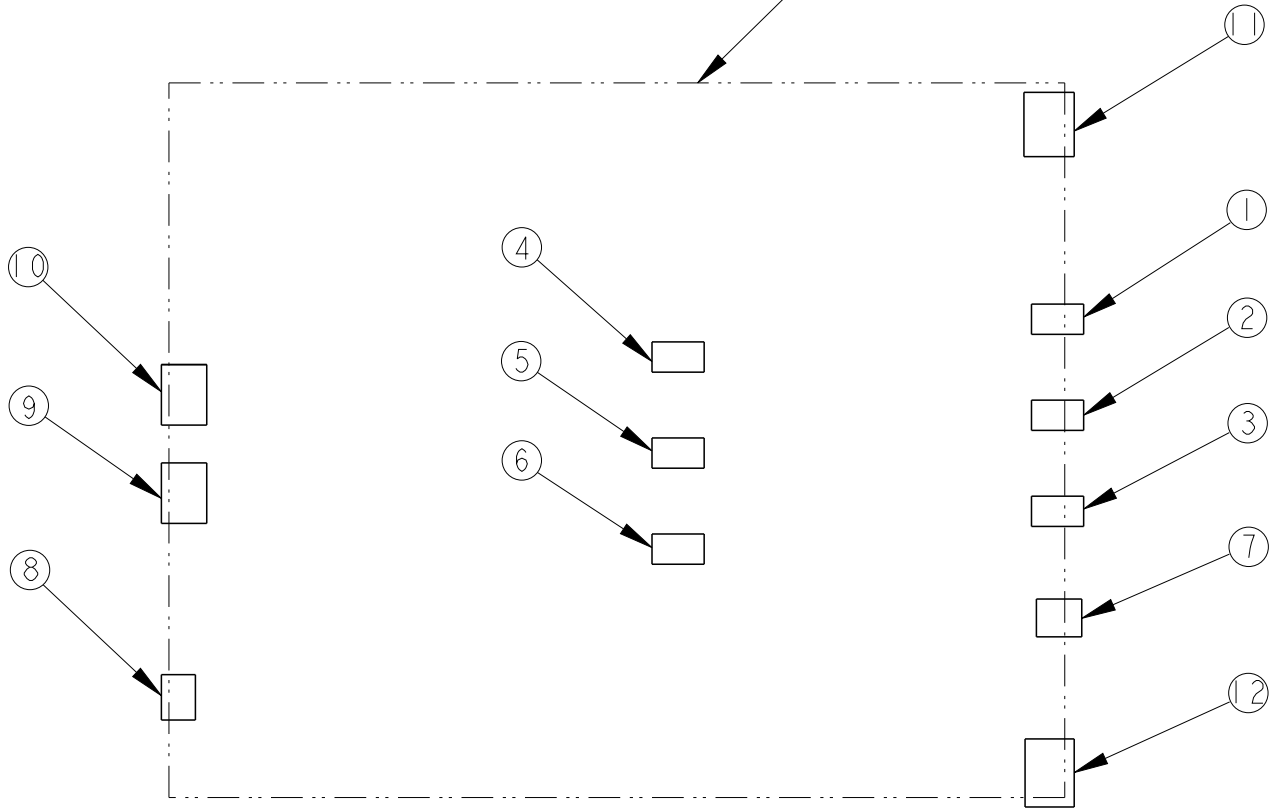
REFERENCE PCB LAYOUT
GENERAL TOLERANCE: $\pm 0.05\text{mm}$
SCALE 5:1

- 1 THIS CONNECTOR DOES NOT HAVE LOCK
- 2 RECOMMENDED SOLDERING THICKNESS; $100\mu\text{m}$ MIN.
RECOMMENDED SOLDERING AREA: 100% OF REFERENCE LAYOUT PATTERN.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	TE Connectivity SIM CONNECTOR PUSH-PUSH TYPE H1.87 WITH SWITCH		
		CHK			
		APVD			
		PRODUCT SPEC 製品規格			
DIMENSIONS: 単位: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 一般公差 ± 0.12		NAME 名称	
		0 PLC $\pm$		SIZE	A300779
		1 PLC $\pm$		CAGE CODE	G-1981959
		2 PLC $\pm$		DRAWING NO	
		3 PLC $\pm$		番号	
		4 PLC $\pm$		RESTRICTED TO	-
		ANGLES $\pm$			
MATERIAL 材料		FINISH 仕上		Customer Drawing	SCALE 尺度 4:1
				WEIGHT	SHEET 3 OF 5
					REV D2

ONLY FOR ENGINEERING EVALUATION

CONNECTOR OUTLINE

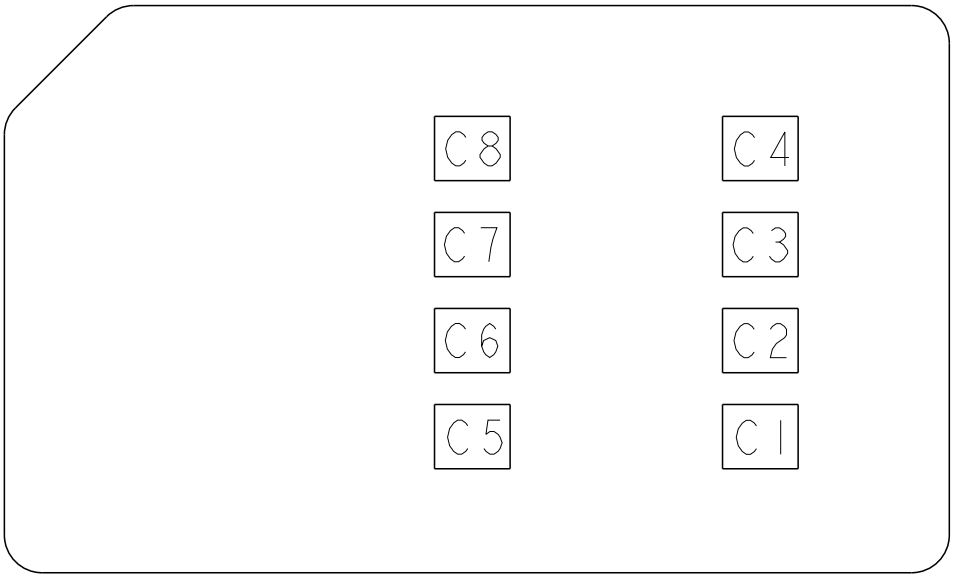


PCB LAYOUT(REFERENCE)

(VIEWED FROM CONNECTOR MOUNT SIDE)

CONNECTOR PIN ASSIGNMENT

NO.	PIN NAME	DESCRIPTION
①	C1	Vcc OF SIM
②	C2	RST OF SIM
③	C3	CLK OF SIM
④	C5	GND OF SIM
⑤	C6	Vpp OF SIM
⑥	C7	I/O OF SIM
⑦	SWA	DETECT SWITCH
⑧	SWB	DETECT SWITCH
⑨ ~ ⑫	GND	SHELL GROUND



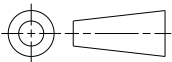
SIM CARD PAD LAYOUT

SIM CARD PIN ASSIGNMENT

PIN NO.	NAME
C1	Vcc
C2	RST
C3	CLK
C4	RESERVED
C5	GND
C6	Vpp
C7	I/O
C8	RESERVED

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
単位: ㎜
mm



MATERIAL
材料

TOLERANCES UNLESS
OTHERWISE SPECIFIED:
一般公差 ±0.12

0-PLC ±
1-PLC ±
2-PLC ±
3-PLC ±
4-PLC ±
ANGLES ±

FINISH
仕上

DWN

CHK

APVD

PRODUCT SPEC
製品規格

APPLICATION SPEC
取付適用規格

WEIGHT

Customer Drawing



TE Connectivity

NAME
名称

SIM CONNECTOR
PUSH-PUSH TYPE
H1.87 WITH SWITCH

SIZE

CAGE CODE

DRAWING NO
番号

RESTRICTED TO
-

A300779

C-1981959

SCALE
尺度 5:1

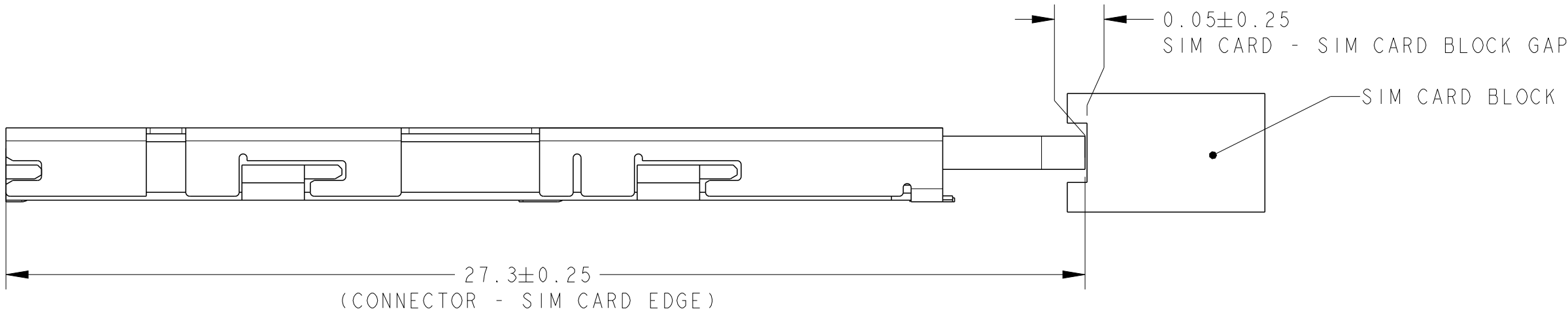
SHEET
4 OF 5

REV
D2

REVISIONS 変更					
P	LTR	DESCRIPTION	DATE	DWN	APVD

FOR ENGINEERING EVALUATION

*THERE IS NO SIM CARD LOCK IN THIS CONNECTOR.
PLEASE HOLD THE CARD EDGE AS SHOWN IN THE FIGURE BELOW AT TIME OF USE.



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
単位: 耗
mm

MATERIAL
材料

TOLERANCES UNLESS OTHERWISE SPECIFIED:
一般公差 ±0.25

0-PLC	±
1-PLC	±
2-PLC	±
3-PLC	±
4-PLC	±
ANGLES	±
FINISH 仕上	

DWN

CHK

APVD

PRODUCT SPEC
製品規格

APPLICATION SPEC
取付適用規格

WEIGHT

Customer Drawing

TE Connectivity

NAME
名称
SIM CONNECTOR
PUSH-PUSH TYPE
HI.87 WITH SWITCH

SIZE	CAGE CODE	DRAWING NO 番号	RESTRICTED TO
A3	00779	C-1981959	-

SCALE 尺度	8:1	SHEET 5 OF 5	REV D2
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1470-19 (3/13)