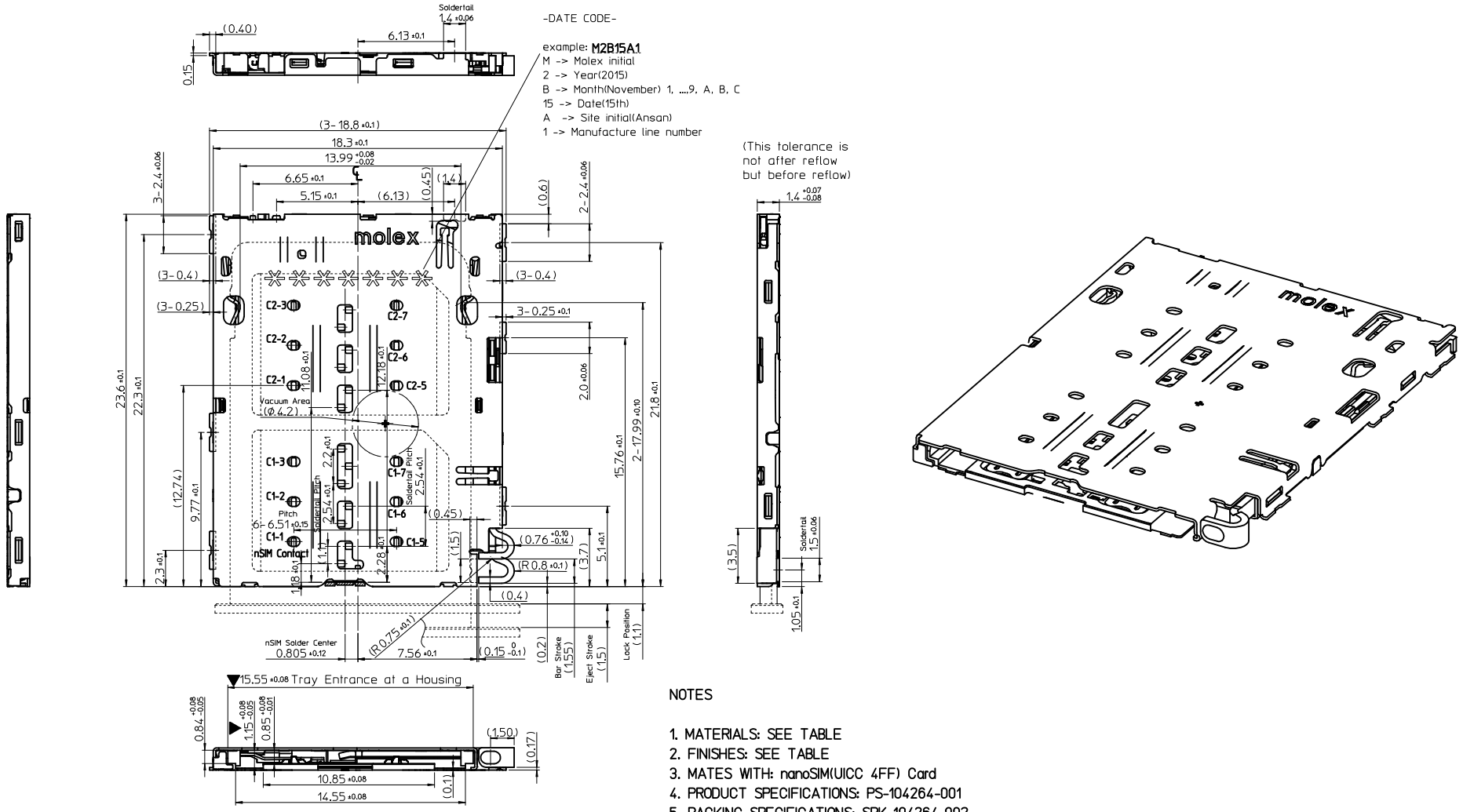


NOTES

1. MATERIALS: SEE TABLE
2. FINISHES: SEE TABLE
3. MATES WITH: nanoSIM(UICC 4FF) Card
4. PRODUCT SPECIFICATIONS: PS-104264-001
5. PACKING SPECIFICATIONS: SPK-104264-002
6. COPLANARITY OF SOLDER TAILS: 0.08mm MAX. BEFORE & AFTER 250°C REFLOW 3TIMES
7. REFERENCE CARD DIMENSIONS ARE WITH STANDARD DIMENSION CARD

[Circuit diagram for Detection Switch of Card Tray]

Tray insertion condition	Tray detection switch	Circuit: Detector (D/T) Switch terminal (S/W)
Without Tray	Open	
Tray inserted	Close	

NO.	PARTS NANE	MATERIALS	FINISHES
1	CONTACT TERMINAL(12P) SWITCH TERMINAL (S/W)	COPPER ALLOY	CONTACT nSIM : GOLD 0.05μm MIN. OVER Pd-Ni 0.3μm MIN. CONTACT mSD & SWITCH : GOLD 0.05μm MIN Pd-Ni 0.2μm MIN. DETECTOR(COMMON) : GOLD 0.1μm MIN. on Contact(Bottom side) SOLDERS : GOLD 0.05μm MIN.
2	DETECTOR (D/T)	PHOSPHOR BRONZE	BASE : NICKEL 1.27μm MIN. (Pd-Ni IS PALLADIUM NICKEL)
3	SHELL	STAINLESS STEEL	BRIGHT NICKEL 1.27μm MIN.
4	HOUSING	LIQUID CRYSTAL POLYMER	BLACK COLOR, UL94V-0
5, 6	BAR, HINGE	STAINLESS STEEL	NONE
7, 8	LATCH LEFT/RIGHT	STAINLESS STEEL	NONE

REVISED	DESCRIPTION	REV
EC NO: KOR2017-0051	2017/05/12	
DRWN: IHYOU	2017/05/10	
CH'KD:		
APPR: YSK IM02	2017/05/12	

A1

QUALITY SYMBOLS: ▼=2, ▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± 0.12	± ---
2 PLACES	± 0.12	± ---
1 PLACE	± 0.15	± ---
0 PLACE	± 0.15	± ---
ANGULAR ± 1 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	MM ONLY
SCALE	4/1
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION

PART (ORDER) NO.	MATERIAL NO.
104264-1211	1042641211

DRAWN BY	EGK IM	DATE 2015/06/17
CHECKED BY	SHCHU	DATE 2015/06/17
APPROVED BY	YSK IM02	DATE 2015/10/16
MATERIAL NO.	SEE TABLE	

TITLE: NANOSIM DUAL SOCKET BAR-PUSH TRAY TYPE 1.40H 6P/6P

molex

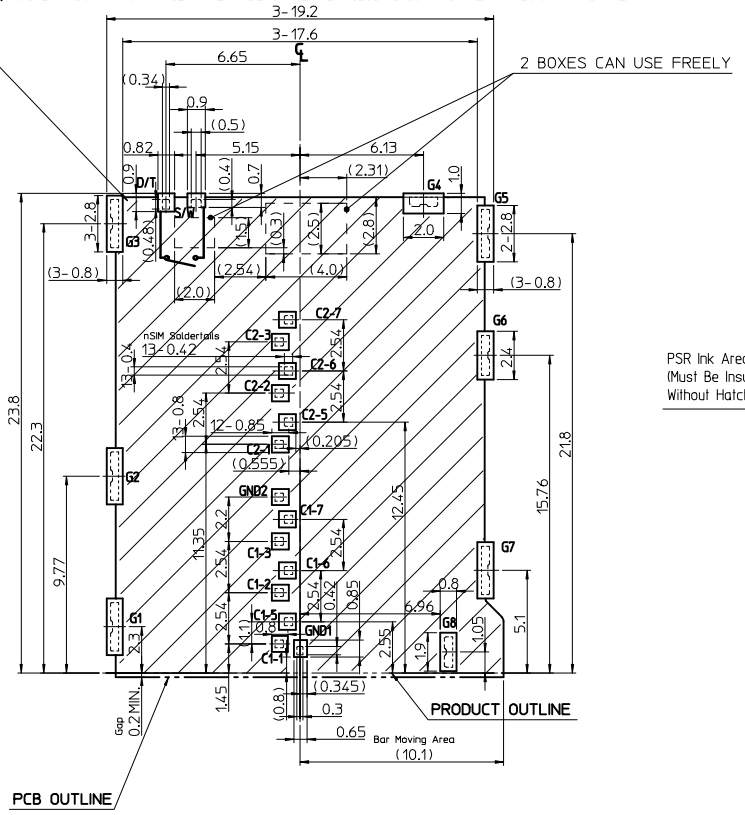
DOCUMENT NO. SD-104264-001

SHEET NO. 1 OF 6

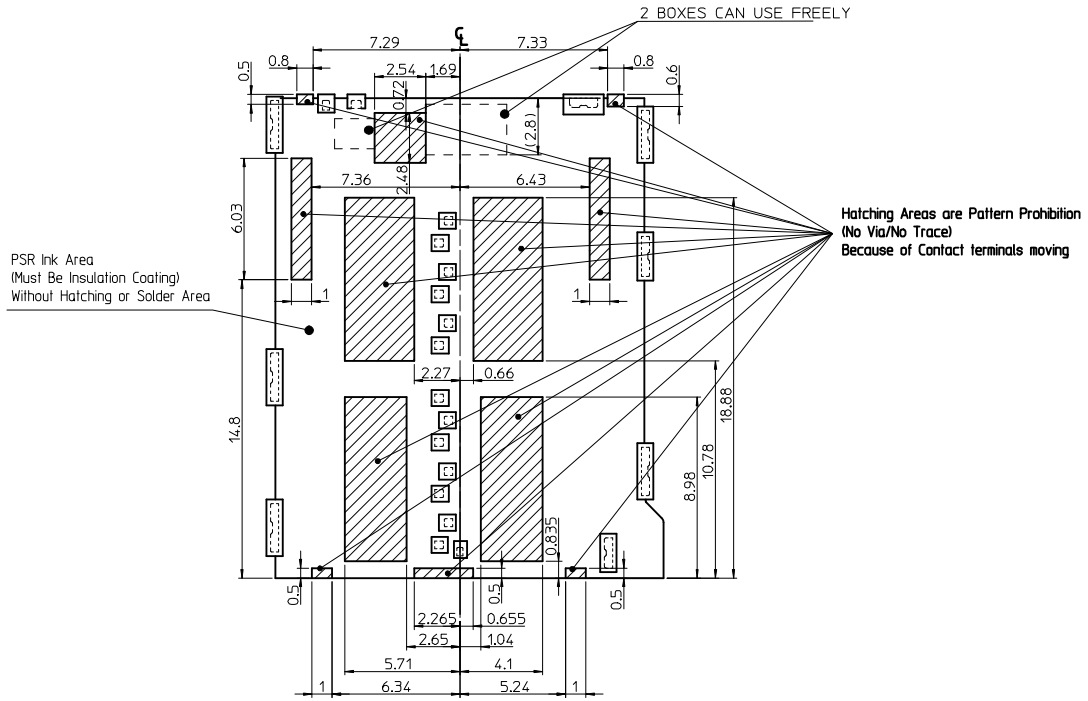
SIZE A3

NO TRACE/NO VIA (NO PATTERN AREA)

ALL INNER SPACES OF A SOCKET MUST BE AVOID THE PATTERN (NO TRACE/NO VIA/NO SIGNAL/NO GROUND)
EXCEPT, SOLDER PATTERN AND GROUND PATTERN, SPECIALLY 3 BOXES AVAILABE FOR FREE
BECAUSE, SOCKET'S BOTTOM SURFACES ARE MADE OF METAL INCLUDING CONTACT TERMINALS'S MOVING AREA



RECOMMENDED PCB LAYOUT [FRONT VIEW]
(TOLERANCE : ±0.05)



SPECIAL PCB LAYOUT FOR CUSTOMER REQUEST [FRONT VIEW]
MINIMIZING THE NO(PROHIBITED) PATTERN AREA
(TOLERANCE : ±0.05)

[nanoSIM CARD PIN-MAP]

PIN NO.		DESCRIPTION
Main Card	Sub Card	(Recommended)
C1-1	C2-1	Vcc(Supply V)
C1-2	C2-2	RST(Reset)
C1-3	C2-3	CLK(Clock)
(C1-4)	(C2-4)	NONE
C1-5	C2-5	GND(Ground)
C1-6	C2-6	Vpp(Program V)
C1-7	C2-7	I/O
(C1-8)	(C2-8)	NONE

CAUTION
Please be careful when used the same metal mask(stencil) with single socket(3709-001883)
(Do not open the single socket metal mask's switch & Detect holes)

*There is only one tray insertion/removal detection switch physically

Therefore, After tray detection,
This product necessary to detect the SIM1 or SIM2 Card separately in software.

*This product has no
C4, C8 Contact terminal

G1~G8	GROUND or NOT CONNECT
S/W	TRAY DETECTOR
D/T	GND(Ground)
GND1/GND2	GROUND

SEE SHEET1
EC NO: KOR2017-0051 2017/05/10
DRWN: IHYOU
CHKD:
APPR: YSKIM02 2017/05/12
DESCRIPTION
REV
A1

QUALITY SYMBOLS
▼=0
Ⓒ=0

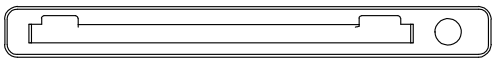
GENERAL TOLERANCES (UNLESS SPECIFIED)

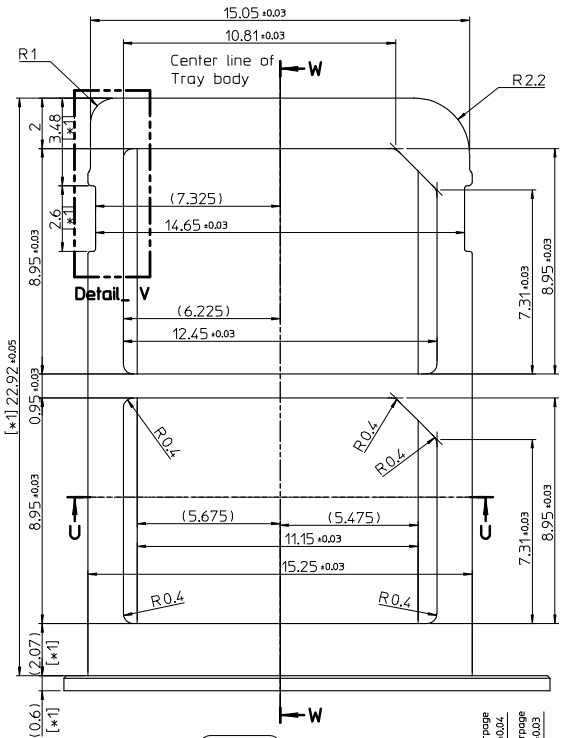
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± 0.12	± ---
2 PLACES	± 0.12	± ---
1 PLACE	± 0.15	± ---
0 PLACE	± 0.15	± ---
ANGULAR ± 1 °		

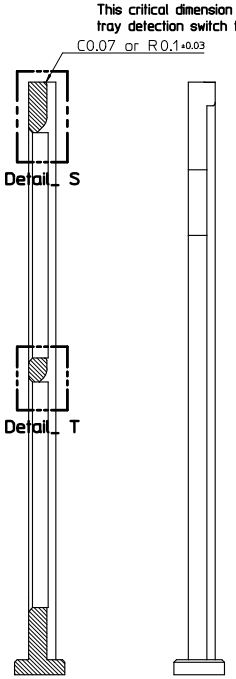
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

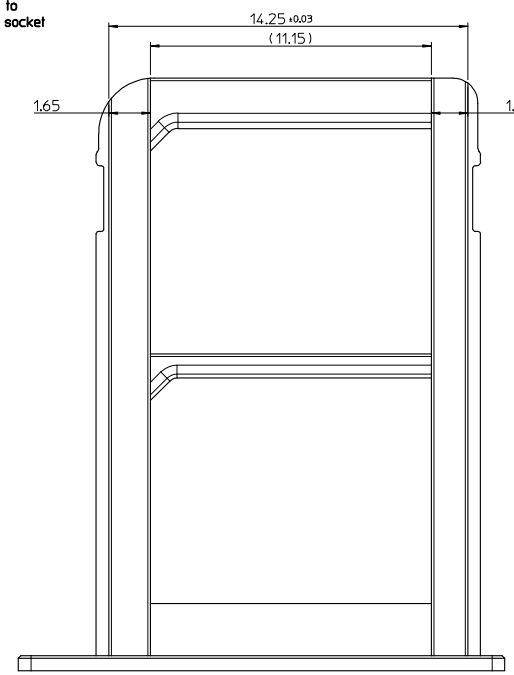
DIMENSION STYLE	MM ONLY
SCALE	4/1
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY	EGKIM
DATE	2015/06/17
CHECKED BY	SHCHU
DATE	2015/06/17
APPROVED BY	YSKIM02
DATE	2015/10/16
MATERIAL NO.	SEE SHEET1
TITLE	NANOSIM DUAL SOCKET BAR-PUSH TRAY TYPE 1.40H 6P/6P
	molex
DOCUMENT NO.	SD-104264-001
SHEET NO.	2 OF 6
SIZE	A3

REFERENCE TRAY DRAWING

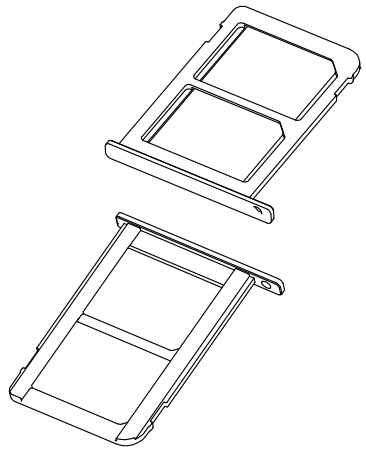


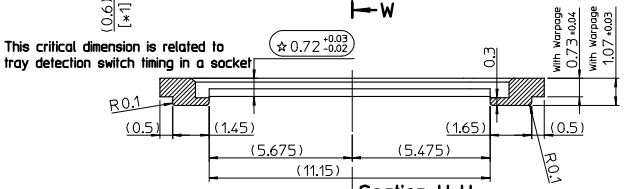




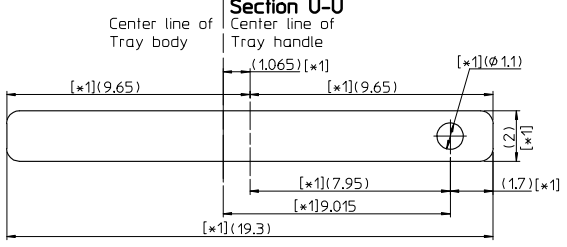


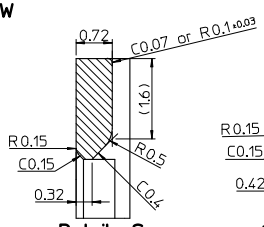
Section W-W



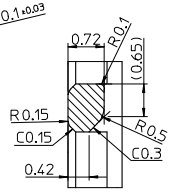


Section U-U

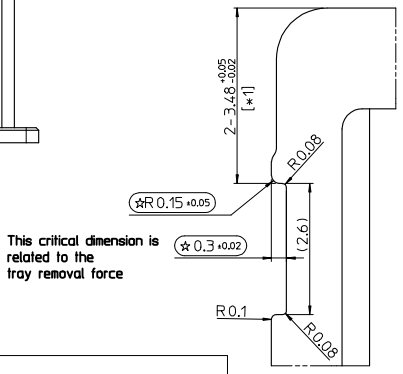




Detail_ S (Scale 10/1)



Detail_ T (Scale 10/1)



Detail_V (Scale 10/1)

REFERENCE ONLY
There is a proposed drawing for concept, so the dimensions are subject to change without notice. Also, this model is tentative, and has the possibility of changing.

NOTES
1. MATERIALS: PLASTIC
2. SURFACE ROUGHNESS OF OUTSIDE OF TRAY : Ra = 0.5μm MAX.
3. TOTAL WARPAGE 0.05MAX. CAN BE MEASURED BY GO/NO GAUGE
4. [*1] : CUSTOMER CAN DECIDE THIS DIMENSIONS.

SEE SHEET1	EC NO: KOR2017-0051	2016/11/09	2017/05/12
	DRWN: IHYOU	CHKD:	APPR: YSKIM02
A1	DESCRIPTION		REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± 0.12	± ---
2 PLACES	± 0.12	± ---
1 PLACE	± 0.15	± ---
0 PLACE	± 0.15	± ---
ANGULAR ± 1 °		

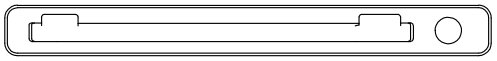
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

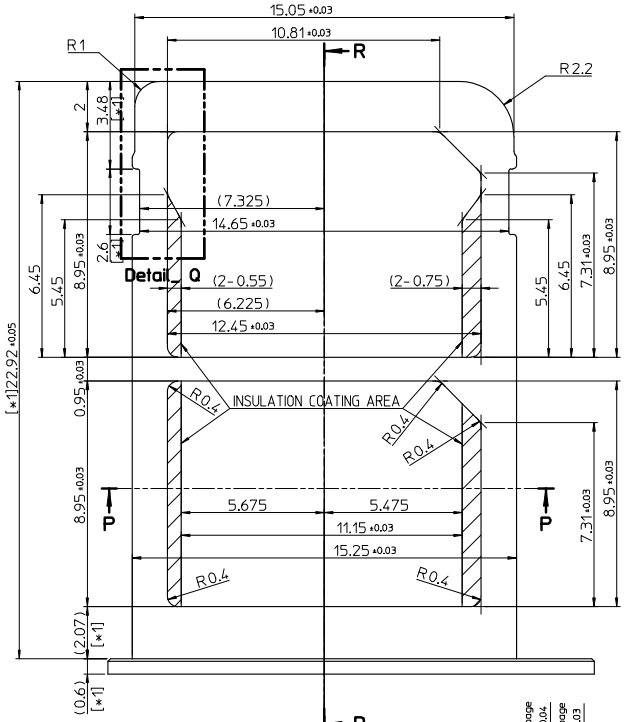
DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MM ONLY	5/1	METRIC	

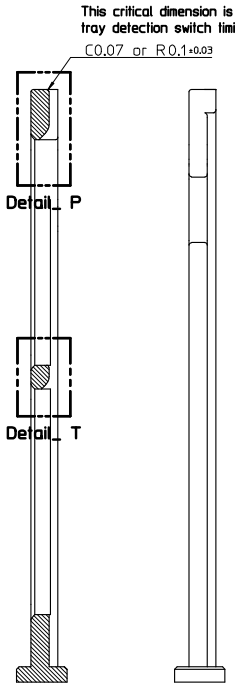
DRAWN BY	DATE	TITLE
EGKIM	2015/06/17	NANOSIM DUAL SOCKET BAR-PUSH TRAY TYPE 1.40H 6P/6P
CHECKED BY	DATE	
SHCHU	2015/06/17	
APPROVED BY	DATE	molex
YSKIM02	2015/10/16	
MATERIAL NO.		DOCUMENT NO. / SHEET NO.
SEE SHEET1		SD-104264-001 / 3 OF 6

SIZE A3

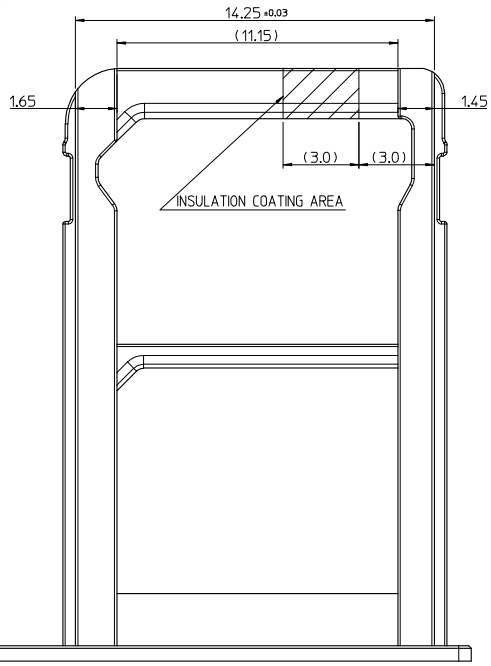
REFERENCE TRAY DRAWING

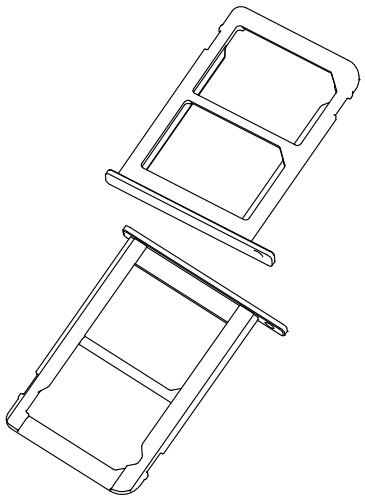


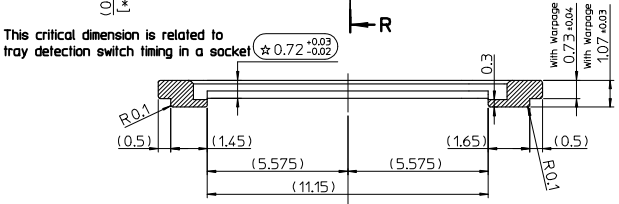




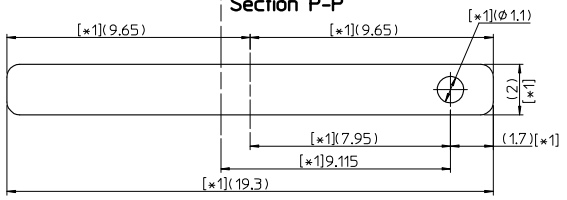
Section R-R

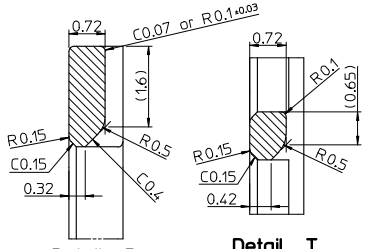






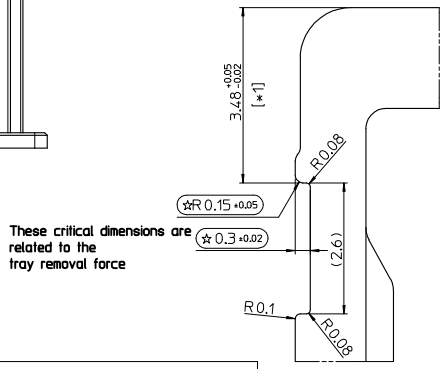
Section P-P





Detail_ P (Scale 10/1)

Detail_ T (Scale 10/1)



Detail_ Q (Scale 10/1)

REFERENCE ONLY
There is a proposed drawing for concept, so the dimensions are subject to change without notice. Also, this model is tentative, and has the possibility of changing.

NOTES
1. MATERIALS: METAL(YIELD STRENGTH 300MPa MIN.)
2. THESE DIMENSIONS ARE AFTER INSULATION COATING
3. SURFACE ROUGHNESS OF OUTSIDE OF TRAY : Ra = 0.5μm MAX.
4. TOTAL WARPAGE 0.05MAX. CAN BE MEASURED BY GO/NO GAUGE
5. [*1] : CUSTOMER CAN DECIDE THIS DIMENSIONS.
6. INSULATION COATING AREA(CONTACT AREA WITH CARD) : OVERALL 20μm MIN.

SEE SHEET1
EC NO: KOR2017-0051 2016/11/09
DRWN: IHYOU
CHKD:
APPR: YSKIM02 2017/05/12
DESCRIPTION
REV
A1

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± 0.12	± ---
2 PLACES	± 0.12	± ---
1 PLACE	± 0.15	± ---
0 PLACE	± 0.15	± ---
ANGULAR ± 1 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 5/1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: EGKIM DATE: 2015/06/17
CHECKED BY: SHCHU DATE: 2015/06/17
APPROVED BY: YSKIM02 DATE: 2015/10/16
MATERIAL NO.: SEE SHEET1

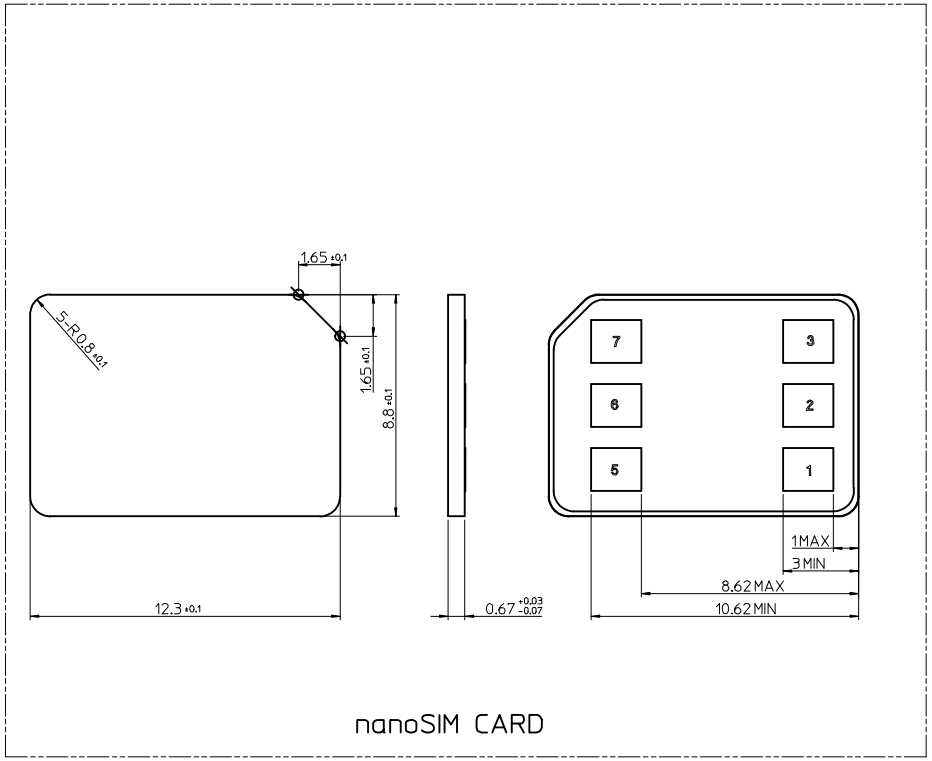
TITLE: NANOSIM DUAL SOCKET BAR-PUSH TRAY TYPE 1.40H 6P/6P

molex

DOCUMENT NO.: SD-104264-001
SHEET NO.: 4 OF 6

SIZE: A3

REFERENCE CARDS DRAWING



nanoSIM CARD

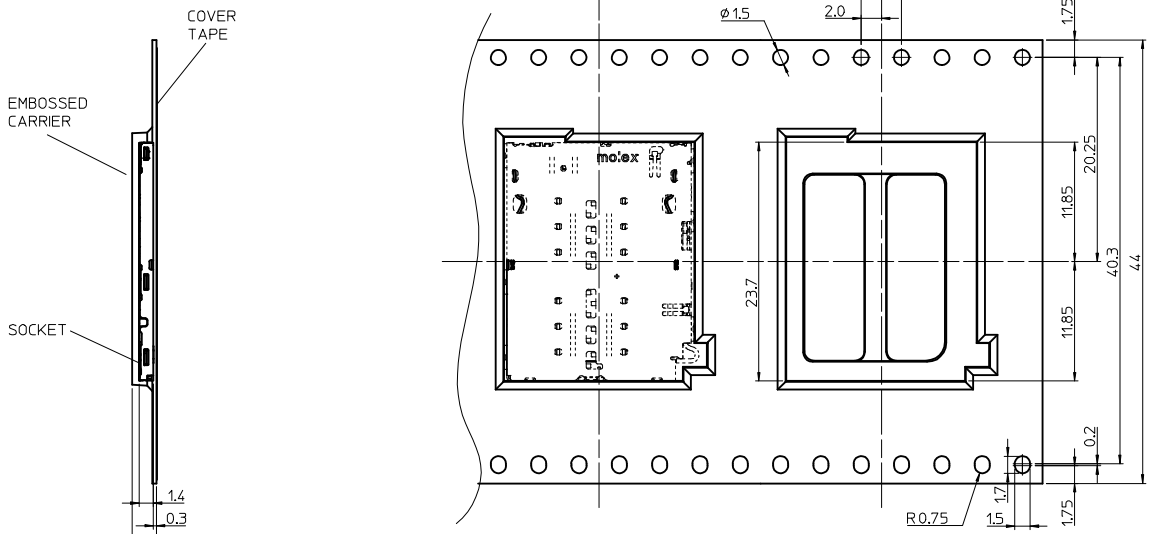
SEE SHEET1	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE: MM ONLY
EC NO: KOR2017-0051 2016/11/09	▼=0	mm / INCH	SCALE: 5/1
DRWN: IHYOU	Ⓒ=0	4 PLACES ± --- / ± ---	DESIGN UNITS: METRIC
CH'KD:		3 PLACES ± 0.12 / ± ---	THIRD ANGLE PROJECTION
APPR: YSKIM02 2017/05/12		2 PLACES ± 0.12 / ± ---	DRAWN BY: EGKIM DATE: 2015/06/17
DESCRIPTION		1 PLACE ± 0.15 / ± ---	CHECKED BY: SHCHU DATE: 2015/06/17
REV		0 PLACE ± 0.15 / ± ---	APPROVED BY: YSKIM02 DATE: 2015/10/16
A1		ANGULAR ± 1 °	MATERIAL NO.: SEE SHEET1
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE: A3

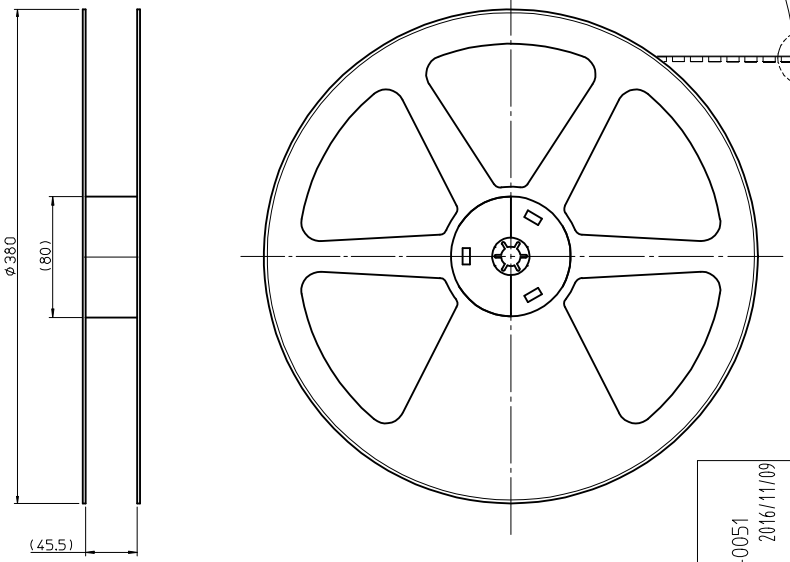
TITLE: NANOSIM DUAL SOCKET BAR-PUSH TRAY TYPE 1.40H 6P/6P

molex

DOCUMENT NO.: SD-104264-001

SHEET NO.: 5 OF 6

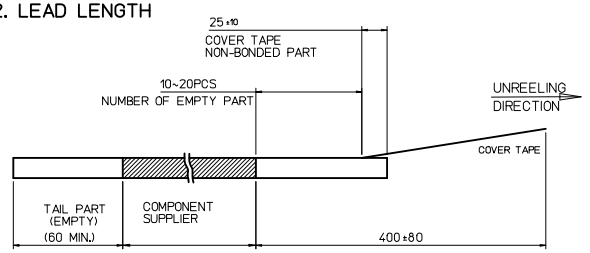




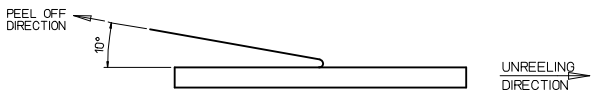
NOTES

1. QUANTITY OF PRODUCTS : 1,200 PCS / 1 REEL

2. LEAD LENGTH



3. PEELING OFF FORCE OF COVER TAPE : 0.1N~0.59N(10.2~60gf)
(PEELING DIRECTION AS BELOW)
- PEELING OFF SPEED : 300mm/Min.(Ref.)



4. MATERIALS OF EMBOSSED CARRIER AND COVER TAPE :
PET(POLYETHYLEN TEREPHTHALATE)

SEE SHEET1	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE: MM ONLY	SCALE: 2/1
EC NO: KOR2017-0051 2016/11/09	▼=0	mm / INCH	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRWN: IHYOU CHKD: APPR: YSKIM02 2017/05/12	Ⓒ=0	4 PLACES ± --- / ± ---	DRAWN BY: EGKIM DATE: 2015/06/17	TITLE: NANOSIM DUAL SOCKET BAR-PUSH TRAY TYPE 1.40H 6P/6P
DESCRIPTION		3 PLACES ± 0.12 / ± ---	CHECKED BY: SHCHU DATE: 2015/06/17	
REV		2 PLACES ± 0.12 / ± ---	APPROVED BY: YSKIM02 DATE: 2015/10/16	molex
A1		1 PLACE ± 0.15 / ± ---	MATERIAL NO.: SEE SHEET1	DOCUMENT NO.: SD-104264-001 SHEET NO.: 6 OF 6
		0 PLACE ± 0.15 / ± ---	SIZE: A3	
		ANGULAR ± 1 °		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		