

REV.	DESCRIPTION	DATE
A	RELEASE	Nov 12, 2021

NOTES:

1. MATERIAL:SEE TABLE

2. SPECIALITY:

- 2.1 Rated current: 0.5A Max
- 2.2 Rated voltage: 30V AC
- 2.3 Contact Resistance:100mohm MAX
- 2.4 Insulation Resistance:1000Mohm MIN 500V DC
- 2.5 Dielectric withstanding voltage: 500V AC/minute.
- 2.6 Solder ability:250±5℃, 10±0.5s.
- 2.7 Durability:5000 Cycles
- 2.8 Mating and Unmating force
Insertion Force 10N Max
Withdrawal Fore 0.5N Min
- 2.9 Operating condition:
Temperature-40℃~+85℃; Humidity 80% R.H MAX

3.COPLANARITY: BEFORE IR 0.08mm Max
AFTER IR 0.10 mm Max

PART NUMBER INFORMATION :

5100106-X1154S-X

SERIES CODE SMT 90° SMI CARD SINGLE TYPE NUMBER OF POSITIONS

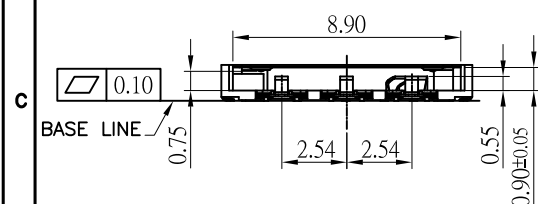
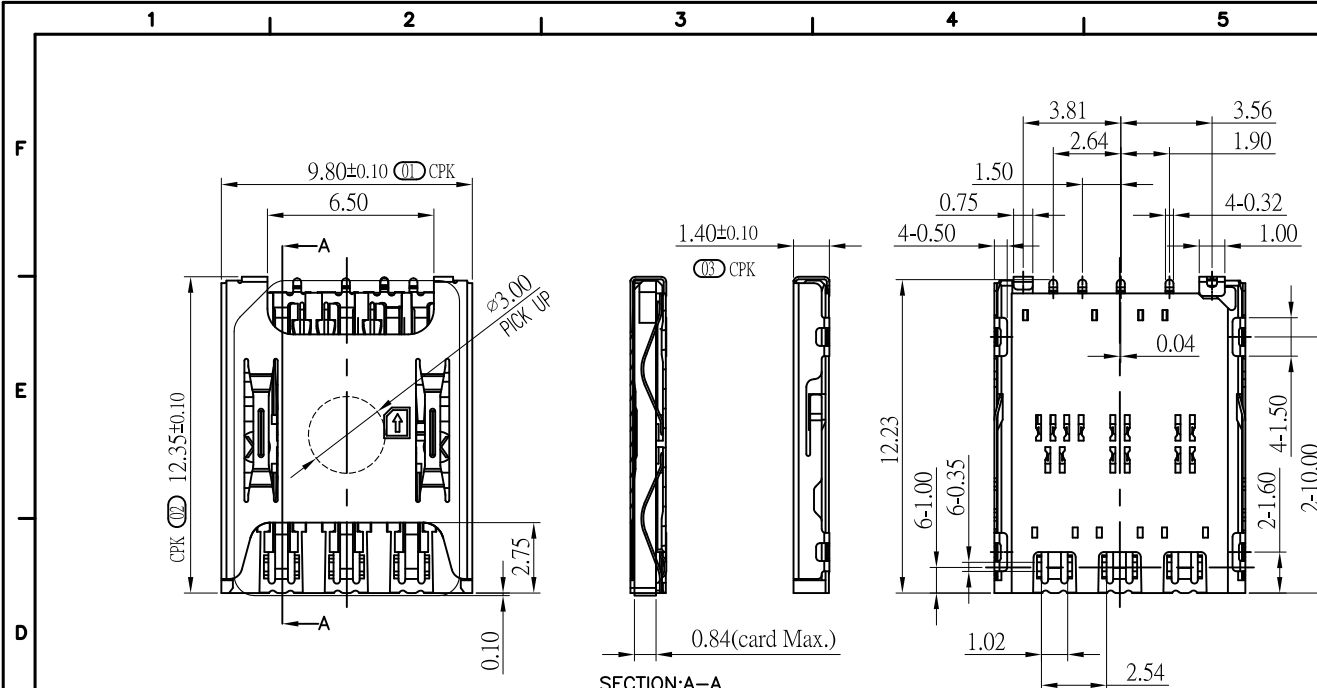
R:RoHS
H:HALOGEN FREE

FOLLOW NUMBER
WITH PUSH
INSERT TYPE
PLATING SEE TABLE

DESCRIPTION OF PLATING ON TERMINALS			
NO.	EXPLAIN	NO.	EXPLAIN
0	GOLD FLASH	3	GOLD 15u"
1	GOLD 5u"	4	GOLD 20u"
2	GOLD 10u"	6	GOLD 30u"

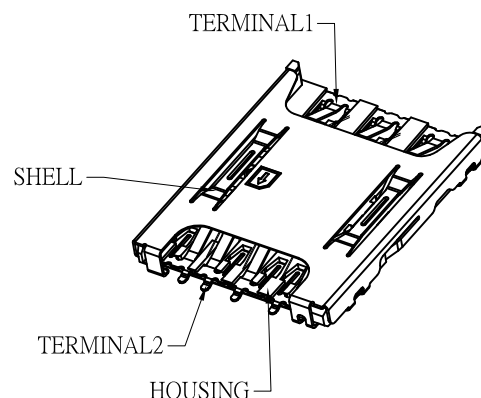
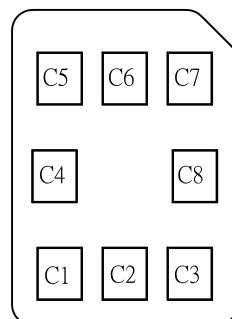
TOLERANCE .0=±0.20 .00=±0.15 .000=±0.05 ANG.=±3°	DRAWER 21 CHECK 21 APP'D 21 PRODUCT SPEC. —	INMO 东莞市英墨电子有限公司 INMO Electronics Co.,Ltd NAME NANO SIM CARD 7PIN 1.40H 插卡式 DRAW NO. R5100106-X1154S-X
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UNITS : mm 	SCALE NONE SIZE A7 SHEET 1 OF 3 REV. B
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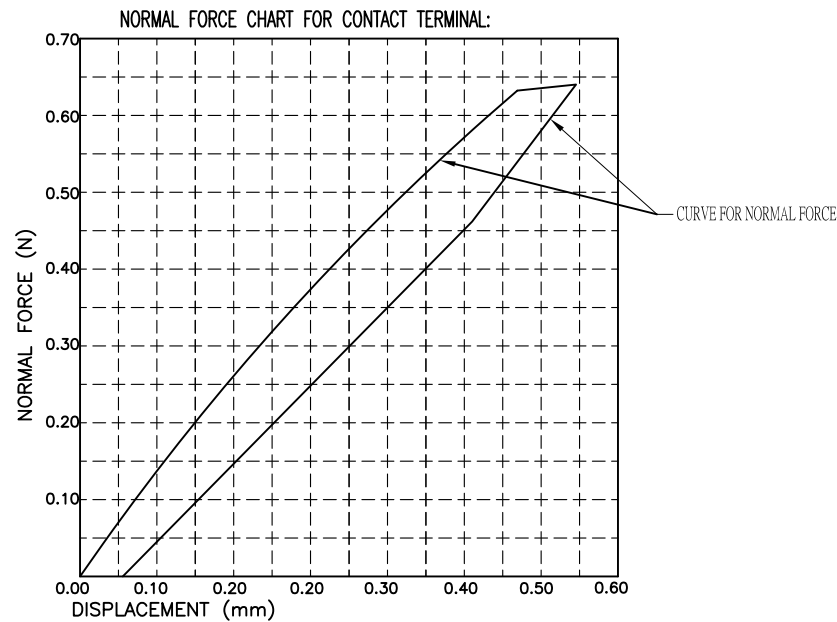
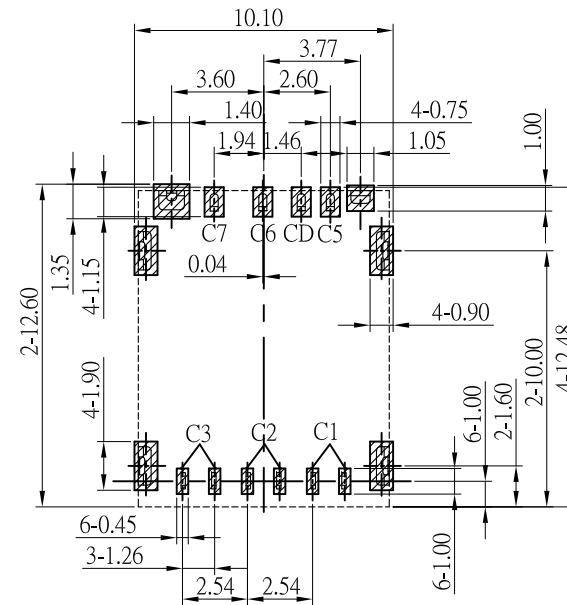
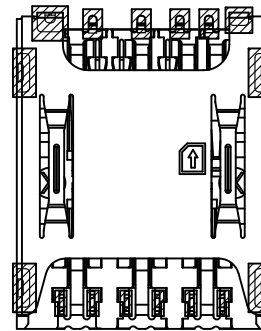
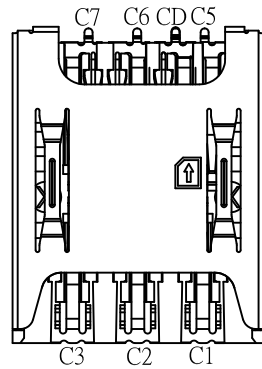


Nano SIM Circuit Description:

PIN No.	FUNCTION
C1	VCC
C2	RST
C3	CLK
C4	RESERVED
C5	GND
C6	VPP
C7	I/O
C8	RESERVED



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RECOMMENDED PCB LAYOUT TOP VIEW (TOLERANCE:±0.05)
RECOMMENDED MATAL MASK T=0.12MM

SOLDER AREA.

CONNECTOR AREA

SW Circuit Description for Connector:

CARD INSERTION STATE	DETECT SWITCH CIRCUIT STATE	SCHEMATIC
UNMATED	OPENED	DETECT PIN CD C5
MATED	CLOSED	DETECT PIN CD C5

<u>TOLERANCE</u> .0=±0.20 .00=±0.15 .000=±0.05 ANG.=±3°		<u>DRAWER</u> <i>21</i>		INMO 东莞市英墨电子有限公司 INMO Electronics Co.,Ltd
		<u>CHECK</u> <i>21</i>		
		<u>APP'D</u> <i>HAIX</i>		
		<u>PRODUCT SPEC.</u> _____		
 UNITS : mm				NANO SIM CARD 7PIN 1.40H 插卡式
<u>SCALE</u> NONE	<u>SIZE</u> A7	<u>SHEET</u> 2 OF 3	<u>REV.</u> B	R5100106-X1154S-X

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NOTES

1. NUMBER OF CONNECTORS:2500PCS/REEL
2. LEAD TAPE LENGTH

EMPTY 15PCS MIN

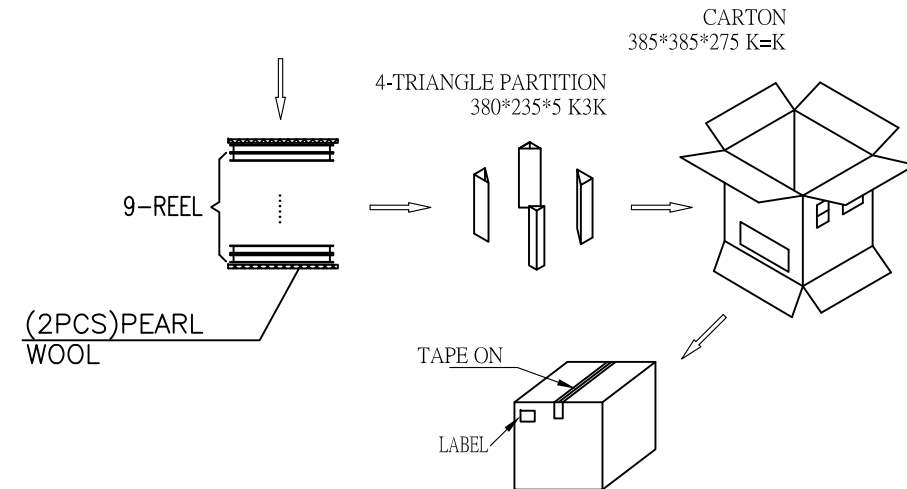
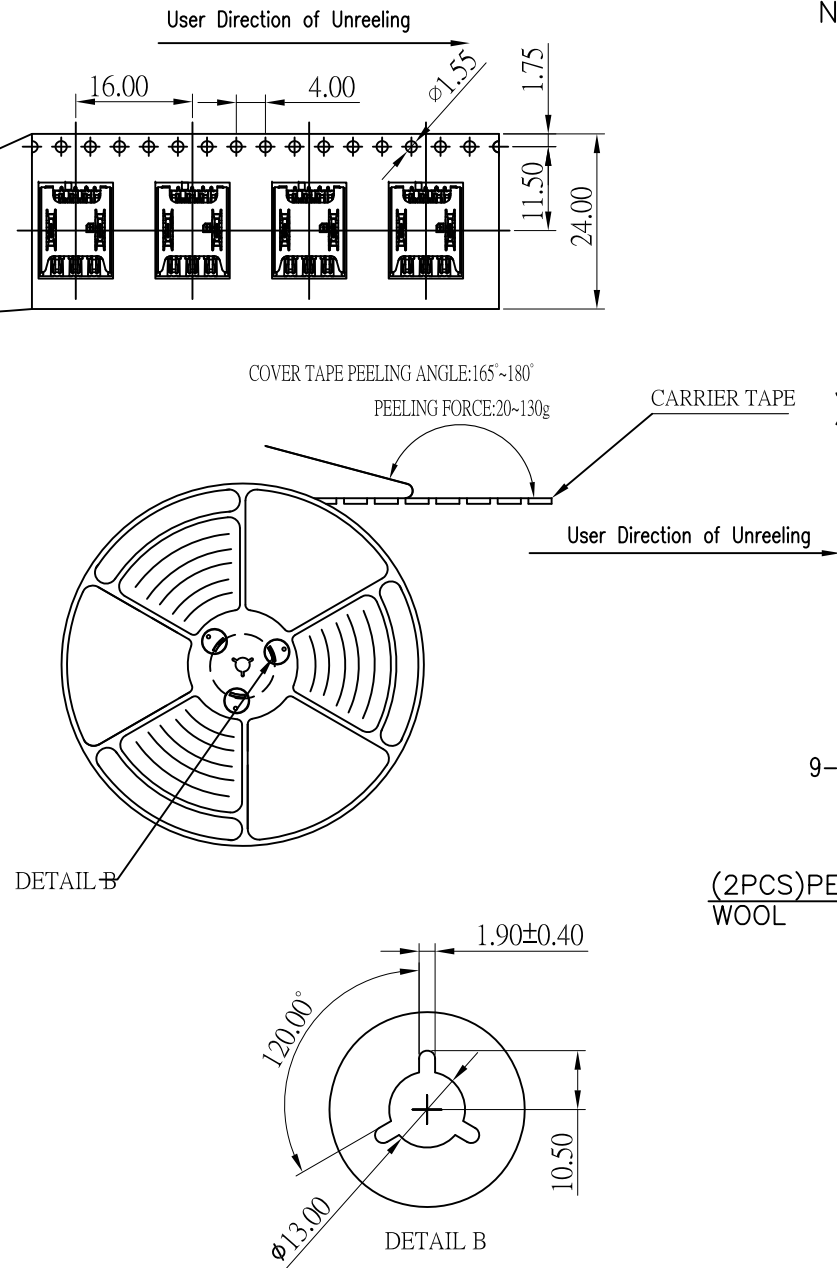
PART 2500PCS

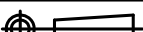
EMPTY 15PCS MIN (300mm Min)

LEADER 240mm MIN

COMPONENT SUPPLIER

TRAILER 240mm MIN
3. QUANTITY: 22500PCS/CARTON
4. WEIGHT :
 3.1 NET WEIGHT : 3.75Kg
 3.2 GROSS WEIGHT : 7.75Kg



<u>TOLERANCE</u> . $0=\pm 0.25$. $00=\pm 0.15$. $000=\pm 0.05$ ANG. $=\pm 3^{\circ}$		<u>DRAWER</u> <i>211</i> <u>CHECK</u> <i>211</i> <u>APP'D</u> <i>211</i> <i>211</i>		INMO 东莞市英墨电子有限公司 INMO Electronics Co.,Ltd <u>NAME</u> NANO SIM CARD 7PIN 1.40H 插卡式	
 UNITS : mm		<u>PRODUCT SPEC.</u> _____			
		<u>DRAW NO.</u> R5100106-X1154S-X			
<u>SCALE</u> NONE	<u>SIZE</u> A7	<u>SHEET</u> 3 OF 3	<u>REV.</u> B		