

Operation:SMT& Push Lever MINI-SIM 工业级识别卡座 (托盘卡托)



LTEM NO.:SIM-021 (Industrial)

(33.0L×25.0W×3.0H & MEMORY-CARD-SOCKETS)

MINI SIM SOCKETS



LEVEL		A[better product]		B[average product]	
PROJECT					
Electrical Properties	Contact Rating	25mA, 12V DC			
	Initial Contact Resistance	50mΩ max.		60mΩ max.	
	Insulation Resistance	100MΩ min.500V DC		Skey/PD: 100MΩ min.300V DC	
Durable Performance	Withstand Voltage	500V AC for 1 minute		350 V AC for 1 minut	
	There No Load	10,000 Cycles		8,500 Cycles	
	Rated Load	8,500 Cycles		6,500 Cycles	
Storage temp.		-40℃～+85℃(Operating Temp:)			

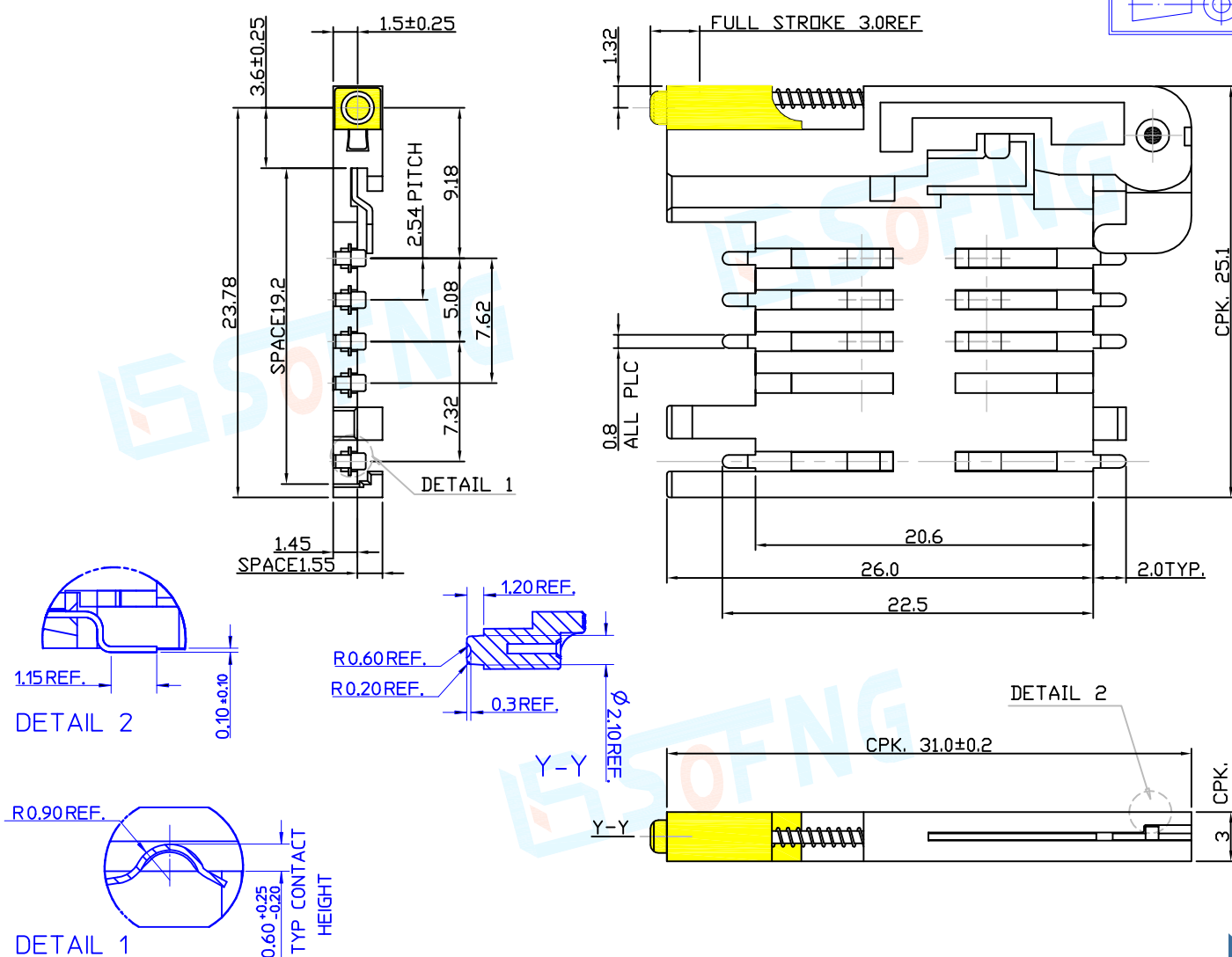
正向導入 LATERAL

精密部品 NICETY

可靠 STABILIZE

適合環保 RoHS

Unit:mm



Operating Force

Inward
Exiting

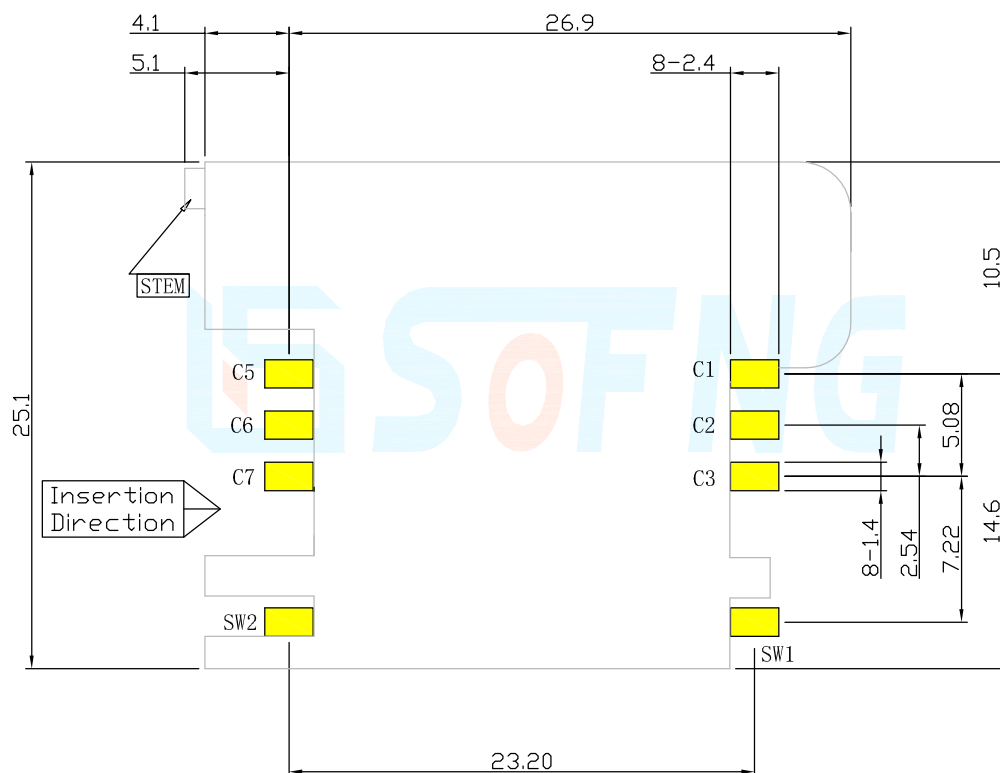
8. 0~12. 0N. (1N.=100Gram Force)

12. 5N. [±200gf]

Solder-ability (Max.)

IR Reflow:250℃, 3sec.

Manual:350℃, 3sec.

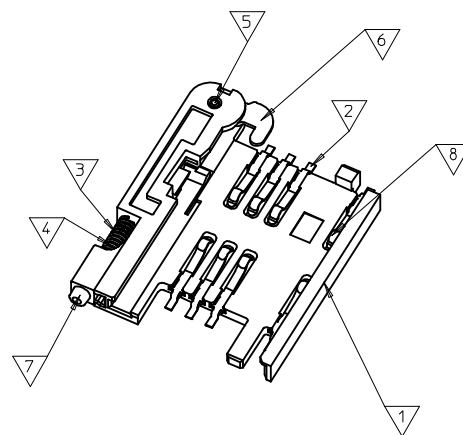


Pin definition

Material declaration

No.	NAME	MATERIAL	PLATING
①	BASE 基座	LCP (Black)耐高温塑胶	-
②	DATA CONTACT 接触端子	C5210 磷青铜 (镍 50 μ"基镀金 15 μ")	6-gold-plating
③	SPRING 弹簧	SUS301 不锈钢	-
④	PUSH ROD 推杆	Q345 锰钢	-
⑤	ROLLER 旋转轴	Brass 黄铜(□1.1mm)	-
⑥	TOGGLE LEVER 肘节杆	SUS301 不锈钢 直径 t=0.40	-
⑦	HANDLE 操作柄	PPS/LCP 塑胶	-
⑧	SWITCH PIN 开关端子	C5210 磷青铜 (镍 50 μ"基镀金 15 μ")	gold-plating

Pin No.	Pin NAME	Type	Description
C ①	卡电源	1	VCC
C ②	复位	1	RST
C ③	时钟	1	CLK
C ⑤	接地	1	GND
C ⑥	Vpp	1	VPP
C ⑦	输入/输出	1	I/O
SWITCH1	CD 组合开关	1	Cd switch1
SWITCH2	CD 组合开关	1	Cd switch2

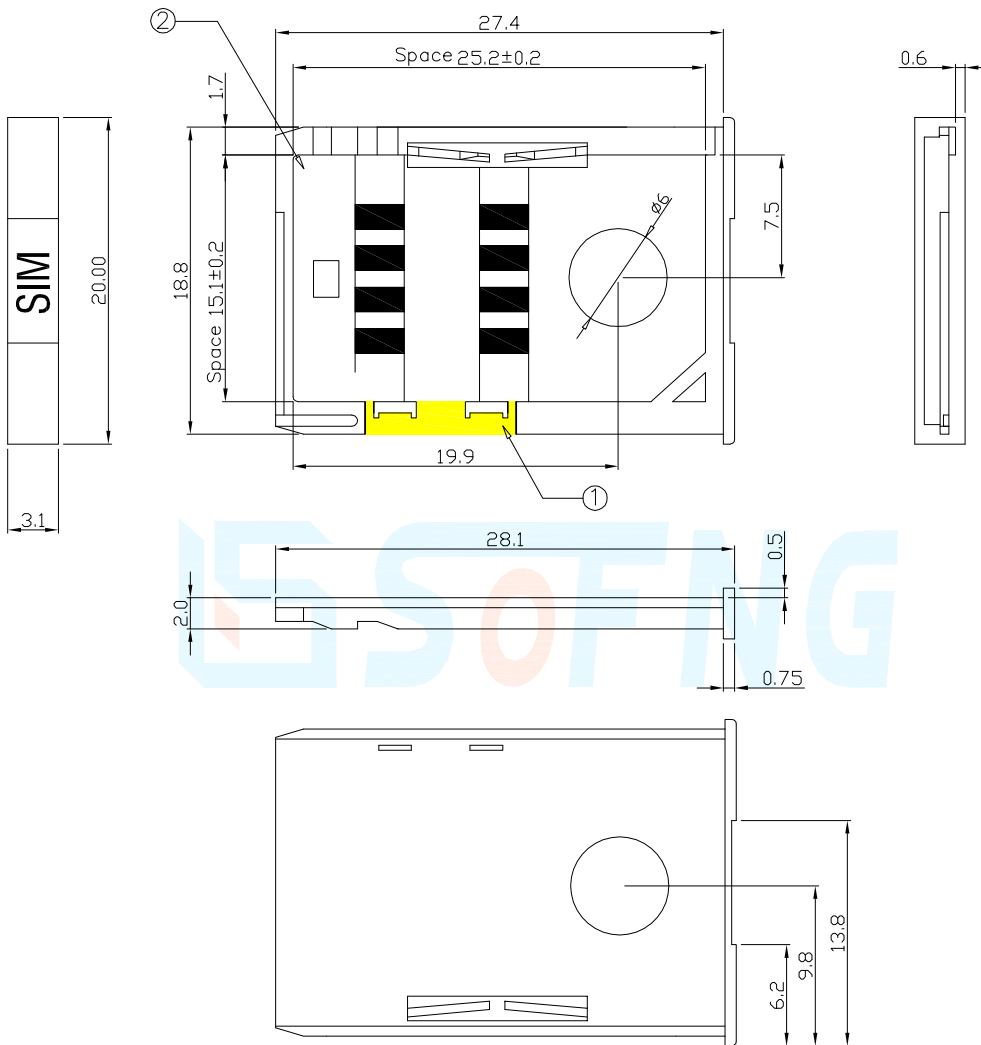


本品不屬於危害性廢棄物,須丟棄時可以委託回收商予以回收再生處理。Products do not belong to hazardous waste, When waste can recycling processing

運送時本產品不要直接與水、酸鹼性化學物質接觸,或放置於含有以上氣體環境中,並且需要注意會有滑落、側翻的危險發生;運輸過程中不能有碰撞或者擠壓,須保證溫度與濕度適中[常溫 25℃,濕度在 50℃以內],不可導致材料變形或氧化。

注記 NOTICE

1. 碩方公司擁有最終解釋權; The SOFNG company reserves the right of final interpretation;
2. 文件禁止外洩、轉載; Leaked and reproduced prohibited;
3. 未經授權修改無效。Modify is invalid.



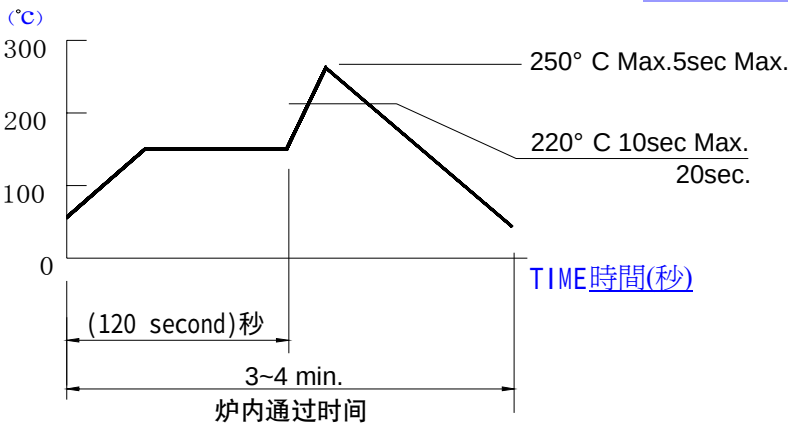
No.	NAME	MATERIAL
①	卡托端子 TERMINAL	PHOSPHOR BROMZE(T=0.15mm)磷青銅
②	卡托本体 COVER	PBT+30%G.F (Black)塑膠

SPECIFIED TOLERANCES UNLESS OTHERWISE		DECIMALS	ANGLES
IS		X. : ± 0.50	X : $\pm 3^{\circ}$
		X.X : ± 0.35	X.X : $\pm 1^{\circ}$
		X.XX : ± 0.15	

■ 回流方式的参考举例

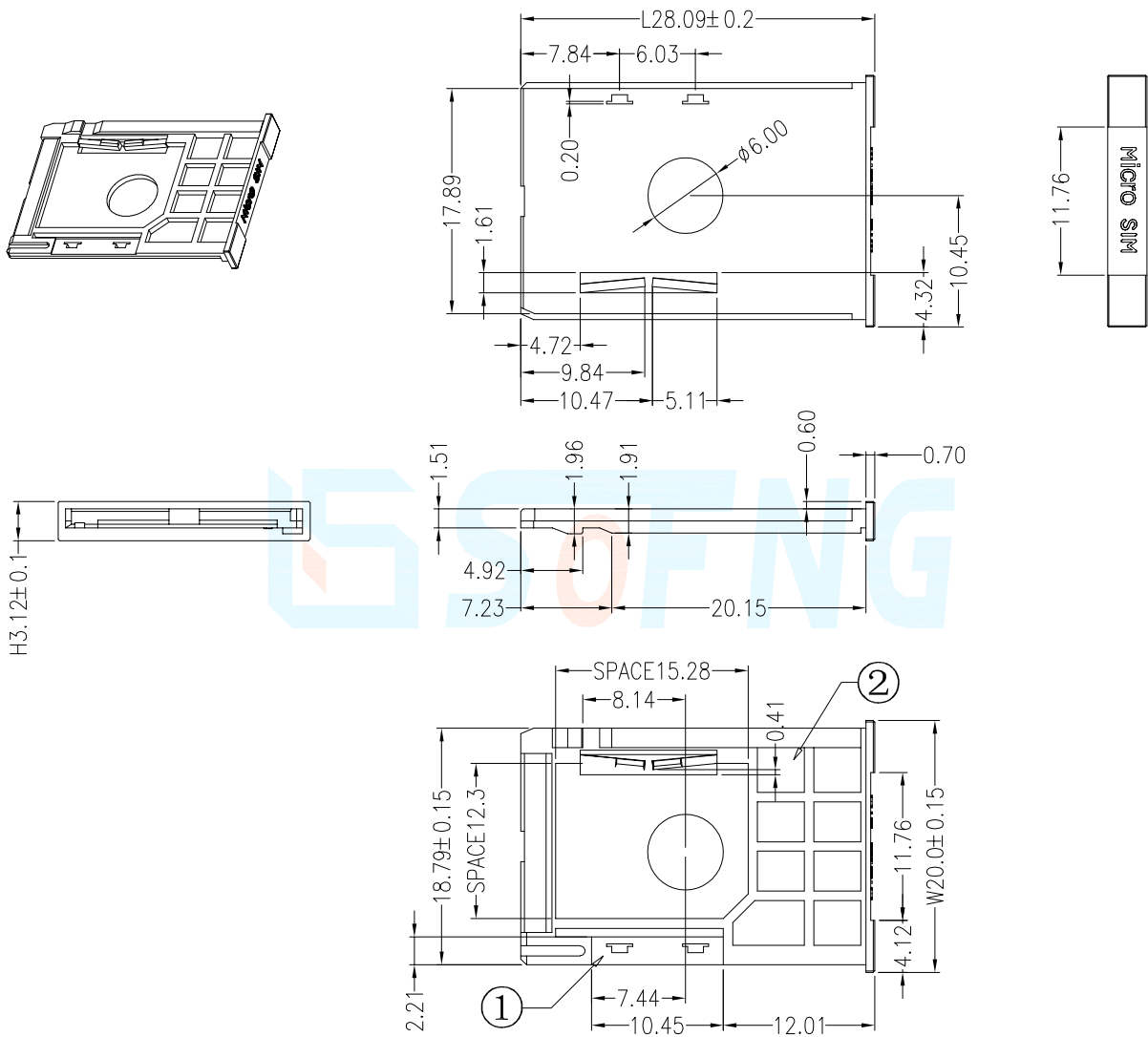
Please practice according to below condition:

- (1) Preheat :150 °C 90-120s
- (2) Soldering heat : 250 °C Max 3S.
- (3) Immersion depth: Up to the surface of the board



Operation:SIM-021 卡座专用卡托【MICRO-SIM 二类卡卡托】

ITEM NO.:SIM-021-KT2 (Series)



No.	NAME	MATERIAL
①	卡托端子 TERMINAL	PHOSPHOR BROMZE(T=0.15mm)磷青铜
②	卡托本体 COVER	PBT+30%G.F (Black)塑膠

SPECIFIED TOLERANCES
UNLESS OTHERWISE



DECIMALS	ANGLES
X. :±0.50	X :±3°
X.X :±0.35	X.X :±1°
X.XX :±0.15	



ITEM NO.:SIM-021-KT3 (Series)

Technical drawing of a Nano SIM card, showing dimensions in millimeters (mm). The drawing includes a top view, a bottom view, and a side view.

Top View Dimensions:

- Overall width: 19.90 mm
- Overall height: 27.95 mm
- Notch width: 7.80 mm
- Notch depth: 2.05 mm
- Notch radius: 0.20 mm
- Notch offset from left edge: 6.00 mm
- Notch offset from right edge: 9.80 mm
- Notch offset from top edge: 1.03 mm
- Notch offset from bottom edge: 12.50 mm
- Notch radius: $\phi 2.00$ mm
- Notch width: 2.40 mm
- Notch depth: 2.10 mm

Bottom View Dimensions:

- Overall width: 11.70 mm
- Overall height: 3.10 mm
- Label: NANO SIM

Side View Dimensions:

- Overall width: 17.80 mm
- Overall height: 26.15 mm
- Notch width: 6.25 mm
- Notch depth: 5.06 mm
- Notch radius: 4.65 mm
- Notch offset from left edge: 6.00 mm
- Notch offset from right edge: 9.80 mm
- Notch offset from top edge: 1.03 mm
- Notch offset from bottom edge: 12.50 mm
- Notch radius: $\phi 2.00$ mm
- Notch width: 2.40 mm
- Notch depth: 2.10 mm

No.	NAME	MATERIAL
①	卡托端子 TERMINAL	PHOSPHOR BROMZE(T=0.15mm)磷青銅
②	卡托本体 COVER	PBT+30%G.F (Black)塑膠

SPECIFIED TOLERANCES
UNLESS OTHERWISE

DECIMALS	ANGLES
X. : ± 0.50	X : $\pm 3^\circ$
X.X : ± 0.35	X.X : $\pm 1^\circ$
X.XX : ± 0.15	

