

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
△	PROPOSE ONLY	ALLEN	2016.04.22

NOTES:

1. ELECTRICAL REQUIREMENTS:

1-1. CURRENT RATING: 0.3A PER PIN.

1-2. CONTACT RESISTANCE: 60mΩ MAX INITIAL; 100mΩ MAX AFTER TEST

1-3. INSULATION RESISTANCE: 1000MΩ MIN @200 V DC FOR 1 MINUTE.

1-4. WITHSTANDING STRENGTH: 500V AC FOR 1 MINUTE

2. MECHANICAL REQUIREMENTS:

2-1. TRAY INSERTION FORCE: 2~10N;

TRAY WITHDRAW FORCE: 4~10N;

EJECTOR OPERATING FORCE: 4~12N

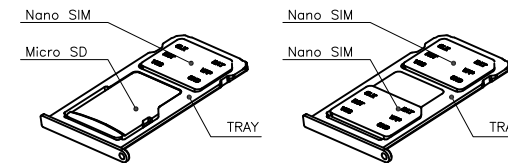
2-2 THE RESORPTION DISTANCE OF THE TRAY : 0.4mm MIN

2-2. DURABILITY: 3,000 CYCLES MIN.

3. ENVIRONMENT REQUIREMENTS:

3-1. OPERATING TEMP.: -30°C TO +85°C

3-2. STORAGE TEMPERATURE: -40°C TO +85°C

CONFIGURATION 1:
Micro SD + Nano SIMCONFIGURATION 2:
Nano SIM + Nano SIM

USING CONFIGURATION

4. PART No.:

TS 0 PL - 13 00 20- 25 G

TF&SIM CON.

0=WITHOUT POST

PL=PUSH LEVER

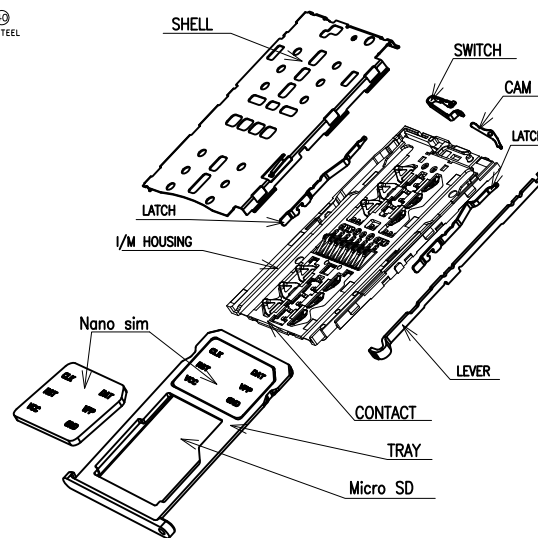
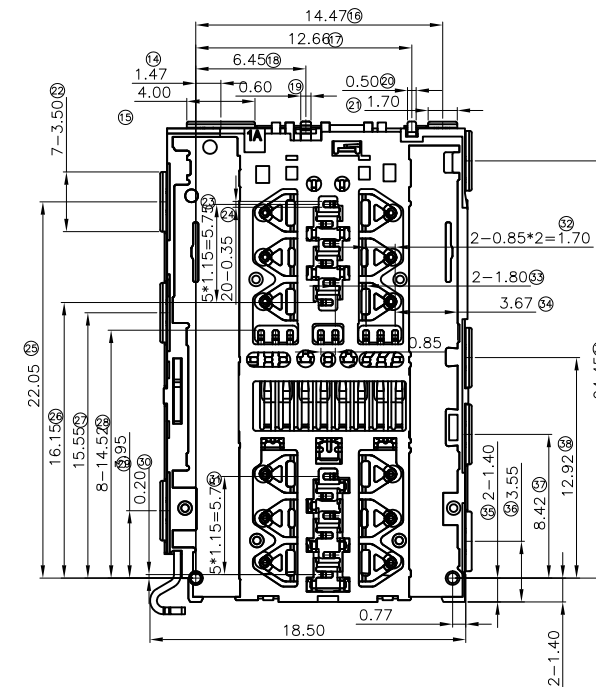
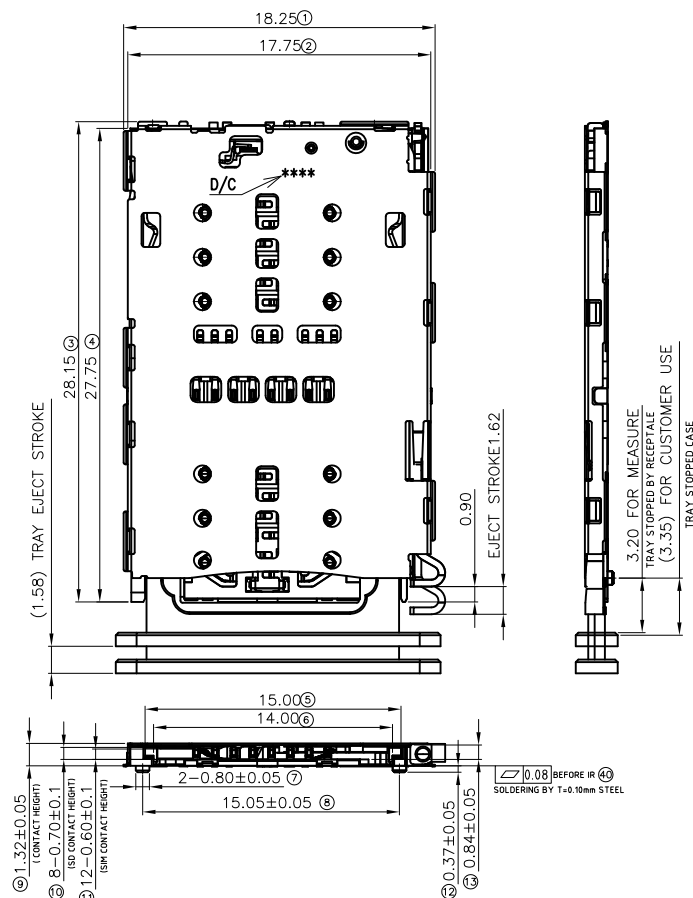
13:HEIGHT 1.3mm

G=gold flash

25=Product Order

Pin NO. 20=20Pin

00=NORMAL TYPE.(ON PCB)

CIRCUIT DIAGRAM FOR DETECT SWITCH
(NORMAL CLOSE SWITCH)

BEFORE TRAY INSERT	
AFTER TRAY INSERT	

7	SWITCH (SW)	1	COPPER ALLOY	Au 5u" min on sw area and 1u" min on solder tail area over nickel underplating overall.
6	CAM	1	STAINLESS STEEL	/
5	LATCH	2	STAINLESS STEEL	/
4	LEVER	1	STAINLESS STEEL	/
3	SHELL	1	STAINLESS STEEL	Au 1u" min on solder tail area over nickel underplating overall.
2	HOUSING	1	THERMAL PLASTIC, UL94V-0	/
1	CONTACT	1	COPPER ALLOY	Au 10u" min on contact area, 5u" min on sw area and 1u" min on solder tail area over nickel underplating overall.
ITEM	NAME	Q'TY	MATERIAL	FINISH

UNLESS OTHERWISE
SPECIFIED TOLERANCES

DECIMALS:

X :±0.5

X.X :±0.20

X.XX :±0.10

ANGLES:

X :±2°

X.X :±1°

深圳市顺宏康科技有限公司

TITLE 1.35H Nano&tf 3in2 with tray (Pin Push)Conn.Assem.

DWN ALLEN PART NO. TS0PL-130020-25G

CHKD KEVIN SCALE:1:1 UNIT: mm

APVD ERIC.W SIZE: A3 SHEET:10F 1 REV: A

CUSTOMER COPY

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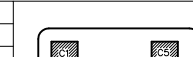
CONNECTOR PIN ASSIGNMENT:

ITEM	FUNCTION
Micro SD CARD	
P1	DAT2 OF MSD
P2	CD/DAT3 OF MSD
P3	CMD OF MSD
P4	VDD OF MSD
P5	CLK OF MSD
P6	VSS OF MSD
P7	DAT0 OF MSD
P8	DAT1 OF MSD
SW	TRAY DETECTION SW
S	SHELL GND
NANO SIM CARD	
C1	VCC OF SIM
C2	RST OF SIM
C3	CLK OF SIM
C5	GND OF SIM
C6	VPP OF SIM
C7	DATA OF SIM

CARD PIN ASSIGNMENT:

ITEM	FUNCTION
Micro SD CARD	
P1	DAT2 OF MSD
P2	CD/DAT3 OF MSD
P3	CMD OF MSD
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C1	VCC OF SIM
C2	RST OF SIM
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CARD PIN ASSIGNMENT:

ITEM	FUNCTION		NANO SIM CARD		
Micro SD CARD			C1	VCC OF SIM	
P1	DAT2 OF MSD		C2	RST OF SIM	
P2	CD/DAT3 OF MSD		C3	CLK OF SIM	
P3	CMD OF MSD		C5	GND OF SIM	
P4	VDD OF MSD		C6	VPP OF SIM	
P5	CLK OF MSD		C7	DATA OF SIM	
P6	VSS OF MSD				
P7	DAT0 OF MSD				
P8	DAT1 OF MSD				

UNLESS OTHERWISE SPECIFIED TOLERANCES		深圳市顺宏康科技有限公司			
DECIMALS:	ANGLES:	TITLE	1.35H Nano&tf 3in2 with tray (Pin Push)Conn.Assem.		
X :±0.5	X :±2°	DWN	ALLEN	PART NO. TS0PL-130020-25G	
X.X :±0.20	X.X :±1°	CHKD	KEVIN	SCALE:1:1	UNIT: mm
X.XX :±0.10		APVD	ERIC.W	SIZE: A3	SHEET:10F 1
		CUSTOMER COPY			