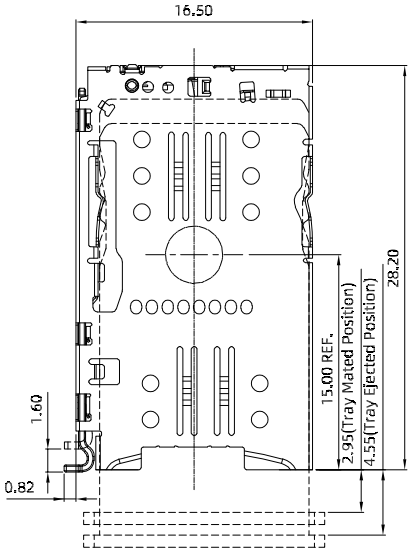
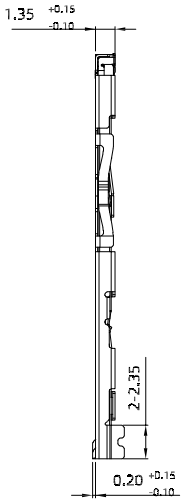
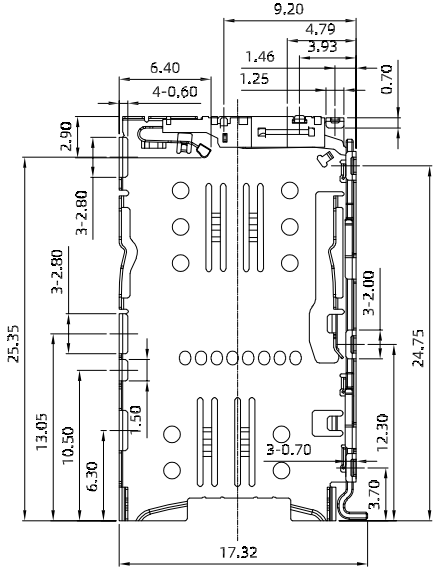
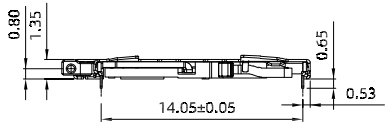
RoHS COMPLIANT



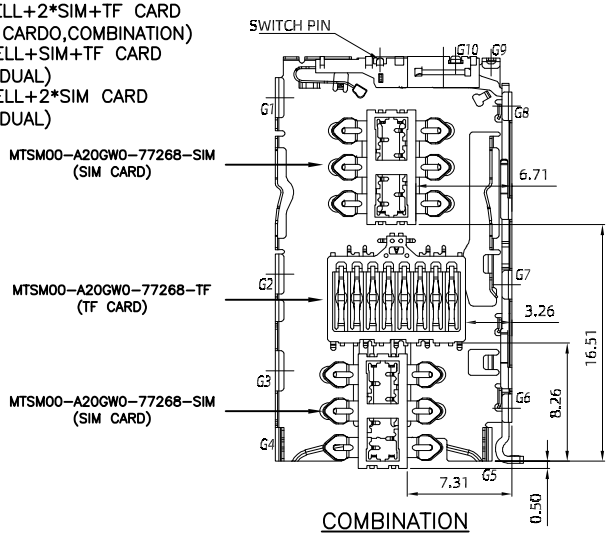






NOTES:
1. MATERIAL:
1.1 SWITCH BLOCK:
HOUSING: THERMOPLASTIC,UL94V-0;COLOR:BLACK.
1.2 CONTACT: COPPER ALLOY.
1.3 CRANK: STAINLESS STEEL T=0.4mm.
1.4 ROD: STAINLESS STEEL T=0.5mm.
1.5 SHELL: STAINLESS STEEL T=0.15mm.
1.6 SWITCH BLOCK: THERMOPLASTIC,UL94V-0,COLOR:BLACK.
1.7 SWITCH PIN: COPPER ALLOY T=0.12mm.
2. FINISH:
2.1 CONTACT: GOLD PLATING ON CONTACT AREA&ON SOLDER TAILS,50U" MIN. NICKEL UNDER PLATING.
2.2 SHELL: GOLD PLATING ON SOLDER TAILS,
3. SPECIALITY:
3.1 VOLTAGE RATING: 50V
3.2 WITHSTANDING VOLTAGE: AC250V R.M.S.
3.3 CURRENT RATING: 0.5A.
3.4 INSULATION RESISTANCE: 1000MEG.OHM MIN AT DC 250V.
3.5 CONTACT RESISTANCE:100 MILL.OHM MAX.
3.6 OPERATION TEMPERATURE: -20°C~+85°C.
4. PART NO.:
MTSM00 - A20GW x - 77268

0-SHELL
1-SHELL+2*SIM+TF CARD (WITH CARDO,COMBINATION)
2-SHELL+SIM+TF CARD (INDIVIDUAL)
3-SHELL+2*SIM CARD (INDIVIDUAL)

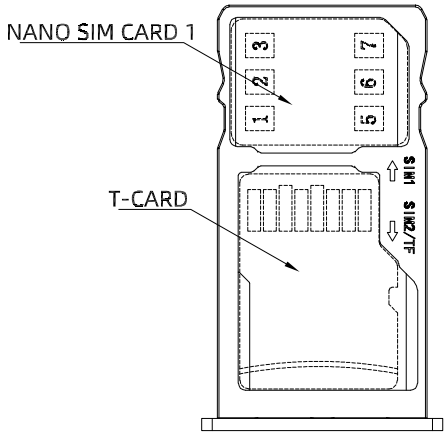


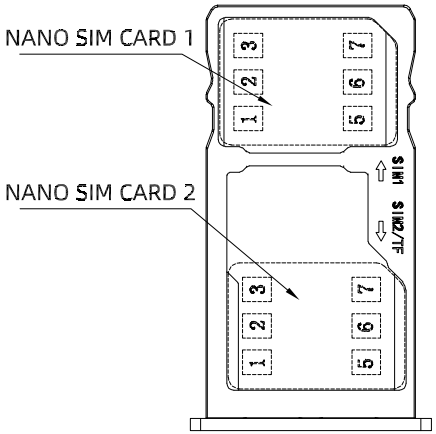
COMBINATION

COMPOSITION OF DETECTION

TRAY DETECT (SW)
SW
GND
NON TRAY.....SHORT(NORMAL)
TRAY IN.....OPEN

G1-G10	GND
SW	SWITCH PIN





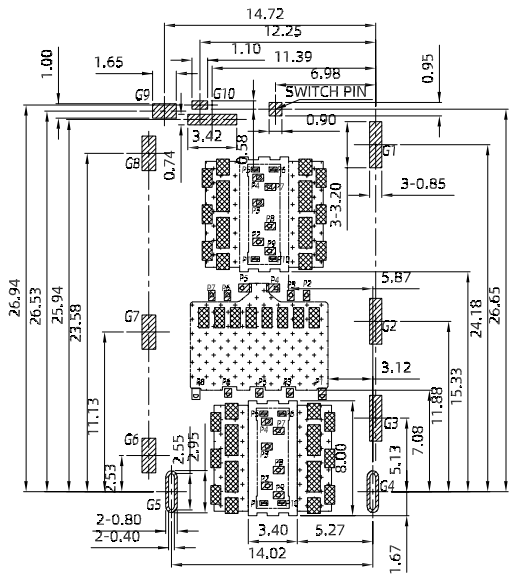
M&T High quality connectors

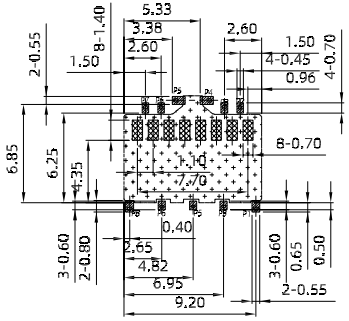
MTCONN ELECTRONICS CO.,LTD

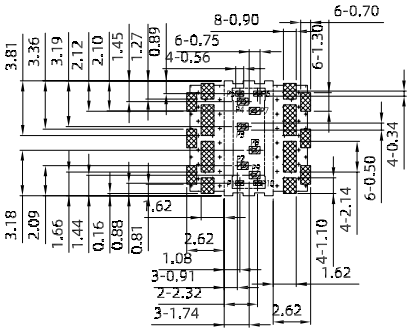
DIM	TOL	DEC	TOL
X.	±0.50	X.°	±2°
X.X	±0.35	X.X°	±2°
X.XX	±0.25	X.XX°	±--
X.XXX	±0.15	X.XXX°	±--

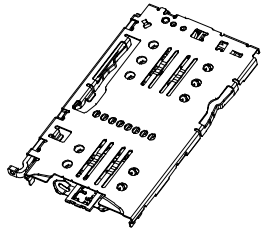
DRWN: WAN 2026-08-01	PART NO.: MTSM00-A20GWx-77268	
CHKD: ALAN 2026-08-01	TITLE: NANO SIM+TF CARD 20P H1.35	
APPD: WILLIAM 2026-08-01	DRAWING NO.: MTSM00-A20GWx-77268	
SHEET: 1/2	UNIT: mm / SCALE: N/A / SIZE: A4 / REV: C	

RoHS COMPLIANT









SMT SOLDER AREA
OPEN WIRE RESTRICTED AREA
OPEN WIRE & COPPER RESTRICTED AREA
1.TOUCH AREA OF CONTACT TIPS,NO ELECTRICAL FUNCTION
2.NO FIRST PCB-LAYER CIRCUITS IN THE AREA
RECOMMENDED PCB LAYOUT
GENERAL TOLERANCE ±0.05

SIM Card terminal NO		Pin NO
P1 P2	C1	vcc:pwr signal and GND
P3	C2	RST: Reset signal
P4 P5	C3	CLK:Cloking signal
P9 P10	C5	GND:PWR signal and GND
P8	C6	vpp:programming voltage
P6 P7	C7	I/O:seral date input/output

Memory Card Pin Assignmeht

Pin No.	NAME	TYPE	DESCRIPTION
1	DAT 2	I/O/PP	Date Line(bit2)
2	CD/DAT 3	I/O/PP	Card Detect/Date Line(bit3)
3	CMD	PP	Command Response
4	VDD	S	Supply Voltage
5	CLK	I	Colck
6	VSS	S	Supply Voltage Ground
7	DAT0	I/O/PP	Date Line(bit0)
8	DAT1	I/O/PP	Date Line(bit1)

M&T
High quality connectors

MTCONN ELECTRONICS CO.,LTD

DIM	TOL	DEC	TOL
X.	±0.50	X.°	±2°
X.X	±0.35	X.X°	±2°
X.XX	±0.25	X.XX°	±--
X.XXX	±0.15	X.XXX°	±--

DRWN: WAN 2026-08-01
CHKD: ALAN 2026-08-01
APPD: WILLIAM 2026-08-01
SHEET: 2/2

PART NO.: MTSM00-A20GWx-77268
TITLE: NANO SIM+TF CARD 20P H1.35
DRAWING NO.: MTSM00-A20GWx-77268

UNIT	SCALE	SIZE	REV
mm	N/A	A4	C