

ROHS Compliant

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1 2 3 4 5 6 7 8

D/C ANNOTATION
 X X X X X
 LINE NUMBER
 DATE
 MONTH
 YEAR

SCALE 1:2
 Regular type
 P/N: 11440101WT030
 Customized type (Other shapes or Other finish)

ASSEMBLY VIEW

TOP SHELL BLOCK (1052002AR001)
 BOTTOM NANO SIM BLOCK (1052002AR003)
 BOTTOM TF BLOCK (1052002AR002)

CIRCUIT DIAGRAM FOR DETECTION SWITCH OF TRAY

TRAY INSERTION CONDITION	TRAY DETECT SWITCH	CIRCUIT TRAY S/W SWITCH TERMINAL
NORMAL	CLOSE	C/D → GND
TRAY INSERTION	OPEN	C/D → GND

NO	DESCRIPTION	QTY	MATERIAL
F	HOOK	1	LCP UL94-V0
E	DETECT SWITCH	1	COPPER ALLOY
D	CRANK	1	STAINLESS STEEL
C	LEVER	1	STAINLESS STEEL
B	SHELL	1	STAINLESS STEEL
A	HOUSING	1	LCP UL94-V0

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS: ANGLES:

X : ±0.5 X : ±2'
 X.X : ±0.3 X.X : ±1'
 X.XX : ±0.2

TITLE: NANO SIM*2+TF CARD 20P三邊二卡撥中間扣點分体式-SHELL BLOCK
 1.35H
 PART NO. 1052002AR001
 DWN ZHARKO 2021.03.22
 CHKD
 APVD
 SCALE 1:1 UNIT: mm
 SIZE: A4 SHEET: 10F4 REV: A

REV/ECN NO	OR DESCRIPTION	REVISED	DATE
A	PRODUCT RELEASE	ZHARKO	2021.03.22

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TF-PIN		HOLDER PIN	
PIN NO.	PIN NAME	PIN NO.	PIN NAME
P1	DATE2	C1-C11	GND
P2	CD/DAT 3	C12	DETECT
P3 P4	CMD		
P5	VDD		
P6 P7	CLK		
P8 P9	VSS		
P10	DAT 0		
P11	DAT 1		

NANO SIM-PIN		NANO SIM-PIN	
PIN NO.	PIN NAME	PIN NO.	PIN NAME
S1 S2	VCC	G1 G2	VCC
S3	RST	G3	RST
S4 S5	CLK	G4 G5	CLK
N/A	Reserved	N/A	Reserved
S9 S10	GND	G9 G10	GND
S8	VPP	G8	VPP
S6 S7	I/O	G6 G7	I/O
N/A	Reserved	N/A	Reserved

THIS AREA SHOULD BE FREE OF ANY CONDUCTIVE TRACES

SMT SOLDER AREA

OPEN WIRE RESTRICTED AREA (POSSIBLY TOUCH OF COMPONENTS ON PCB)

RECOMMEND PCB LAYOUT TOLERANCE:±0.05

RECOMMEND MASK THICKNESS:0.10MM

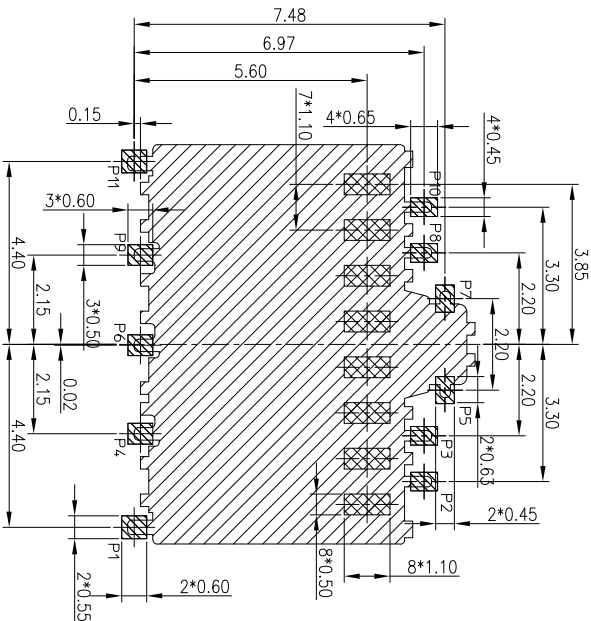
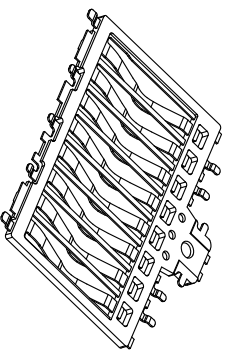
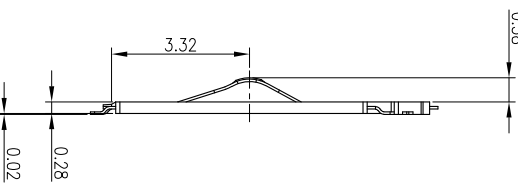
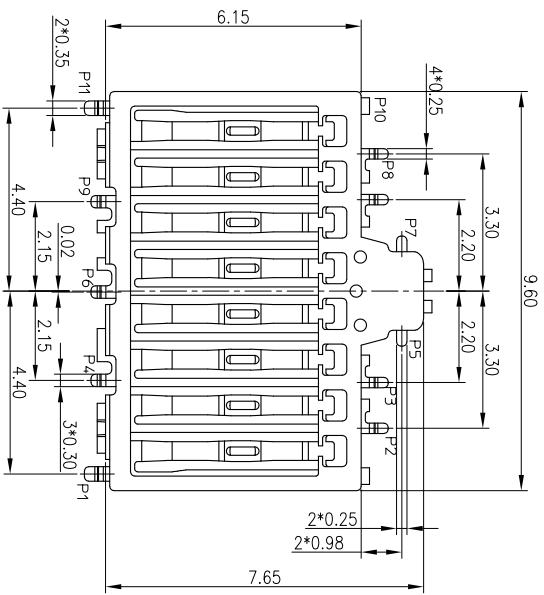
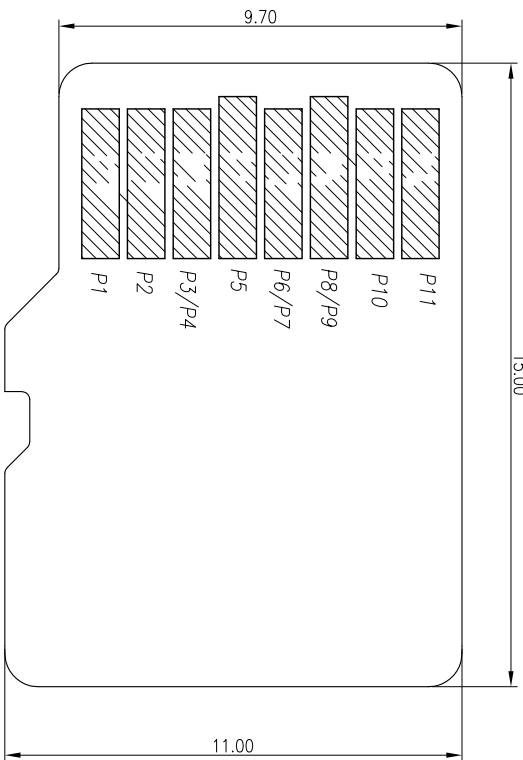
UNLESS OTHERWISE SPECIFIED TOLERANCES			
DECIMALS:	±0.5	X	±.2°
	±0.3	X.X	±.1°
	±0.2	X.XX	

REV/ECN NO	OR DESCRIPTION	REVISED	DATE
A	PRODUCT RELEASE	ZHARKO	2021.03.22

TITLE: NANO SIM*2+TF CARD 20P三連二卡殼中間掛點分体式-SHELL BLOCK	
PART NO.	1052002AR001
DWN	ZHARKO
CHKD	2021.03.22
APVD	
SCALE 1:1	UNIT: mm
SIZE: A4	SHEET: 20F4
CUSTOMER COPY	REV: A

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- 1.SPECIFICATIONS:
- 1-1.VOLTAGE RATING: 10V;
 - 1-2.CURRENT RATING:0.5A;
 - 1-3.INSULATION RESISTANCE: 1,000MΩ MIN.;
 - 1-4.CONTACT RESISTANCE: 50mΩ MAX.;
 - 1-5.DURABILITY: 5,000 CYCLES;
 - 2.MPQ : 3500PCS/REEL.

THIS AREA SHOULD BE FREE OF ANY CONDUCTIVE TRACES

SMT SOLDER AREA

OPEN WIRE RESTRICTED AREA (POSSIBLY TOUCH OF COMPONENTS ON PCB)

RECOMMEND PCB LAYOUT TOLERANCE:±0.05

RECOMMEND MASK THICKNESS:0.10MM

TF-PIN	PIN NO.	PIN NAME
P1	DATA1	
P2	CD/DAT 3	
P3 P4	CMD	
P5	VDD	
P6 P7	CLK	
P8 P9	VSS	
P10	DAT 0	
P11	DAT 1	

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
B	CONTACT	8	COPPER ALLOY	Gold plated on contact area 1u" Au plated on Solder tail All over 50u"Ni Plated.
A	HOUSING	1	TEMPERATURE PLASTIC U94-V0	BLACK

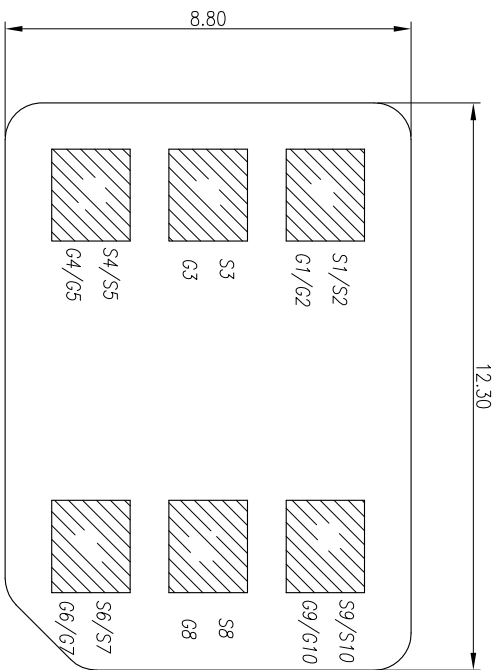
UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS:	ANGLES:
X : ±0.5	X : ±2°
X.X : ±0.3	X.X : ±1°
X.XX : ±0.2	

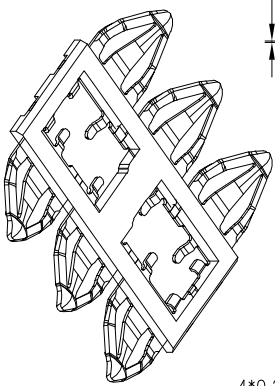
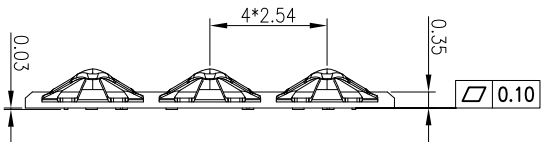
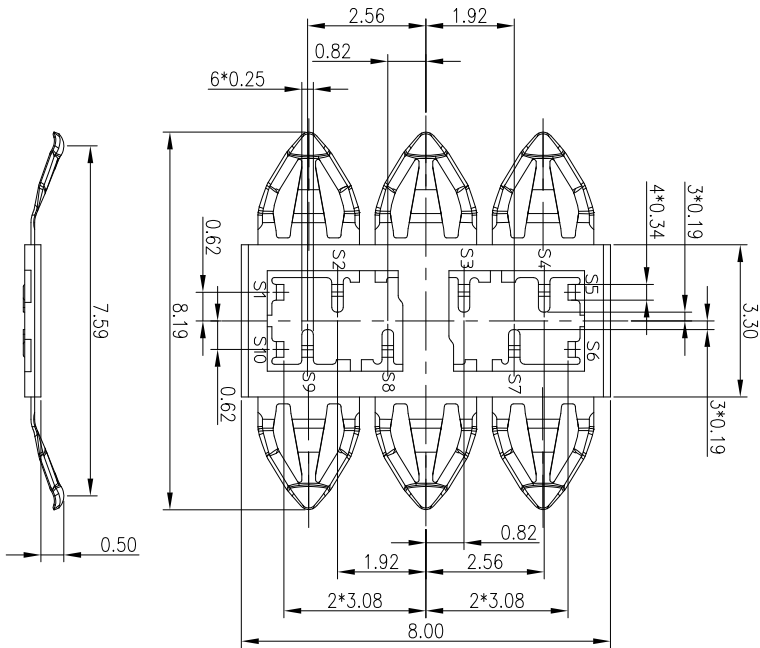
TITLE: NANO SIM*2+TF CARD 20P三	送二卡版中间扣点分体式-TF
BLOCK: 8P 0.28H	
PART NO: 1052002AR002	
DWN: ZHARKO	2021.03.22
CHKD:	
APVD:	
SCALE 1:1	UNIT: mm
SIZE: A4	SHEET: 30F4
CUSTOMER COPY	REV. A

REV/ECN NO	OR DESCRIPTION	REVISED	DATE
A	PRODUCT RELEASE	ZHARKO	2021.03.22

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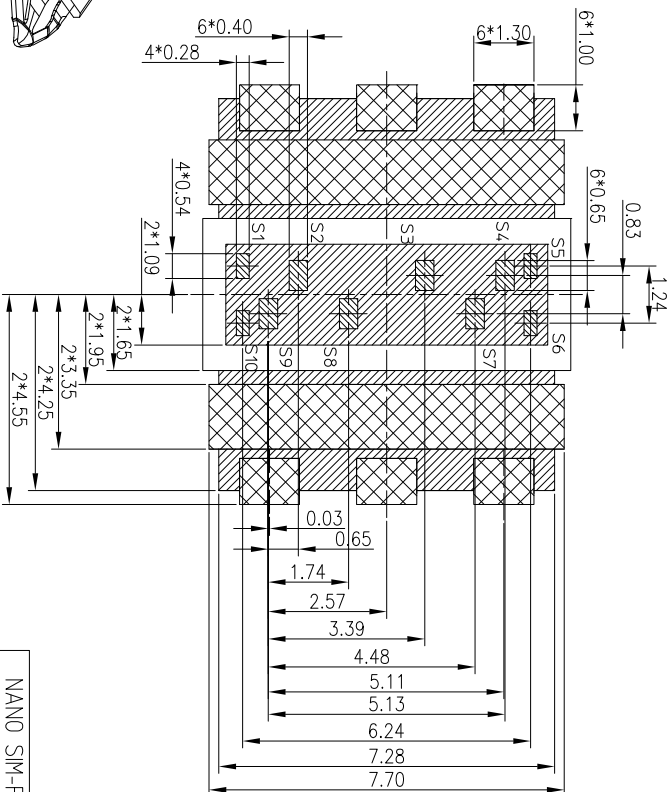


NANO SIM CARD ELECTRICAL



- 1: SPECIFICATIONS:
 1-1 VOLTAGE RATING: 10V;
 1-2 CURRENT RATING: 0.5A;
 1-3 INSULATION RESISTANCE: 1,000MΩ MIN;
 1-4 CONTACT RESISTANCE: 50mΩ MAX;
 1-5 DURABILITY: 5,000 CYCLES;
 2.MPQ : 3200PCS/REEL.

THIS AREA SHOULD BE FREE OF ANY CONDUCTIVE TRACES
 SMT SOLDER AREA
 OPEN WIRE RESTRICTED AREA (POSSIBLY TOUCH OF COMPONENTS ON PCB)
 RECOMMEND PCB LAYOUT TOLERANCE: ±0.05
 RECOMMEND MASK THICKNESS: 0.10MM



NANO SIM-PIN
P/N NAME
S1 S2 VCC
S3 RST
S4 S5 CLK
N/A Reserved
S9 S10 GND
S8 VPP
S6 S7 I/O
N/A Reserved

B	CONTACT	6	COPPER ALLOY	Gold plated on contact area All over: 50u"Ni Plated.
A	HOUSING	1	TEMPERATURE PLASTIC U94-V0	
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
UNLESS OTHERWISE SPECIFIED TOLERANCES				
DECIMALS:		ANGLES:		
X	: ±0.5	X	: ±2°	
X.X	: ±0.3	X.X	: ±1°	
X.XX	: ±0.2			
TITLE: NANO SIM*2+TF CARD 20P 三連二 卡座中间扣点分体式-NANO SIM BLOCK 6P 0.35H PART NO. 1052002AR003 DWN ZHARKO 2021.03.22 CHKD APVD SCALE 1:1 UNIT: mm SHEET: 40F4 REV. A				
CUSTOMER COPY				

REV/ECN NO OR PRODUCT RELEASE	DESCRIPTION	REVISED	DATE
A	PRODUCT RELEASE	ZHARKO	2021.03.22