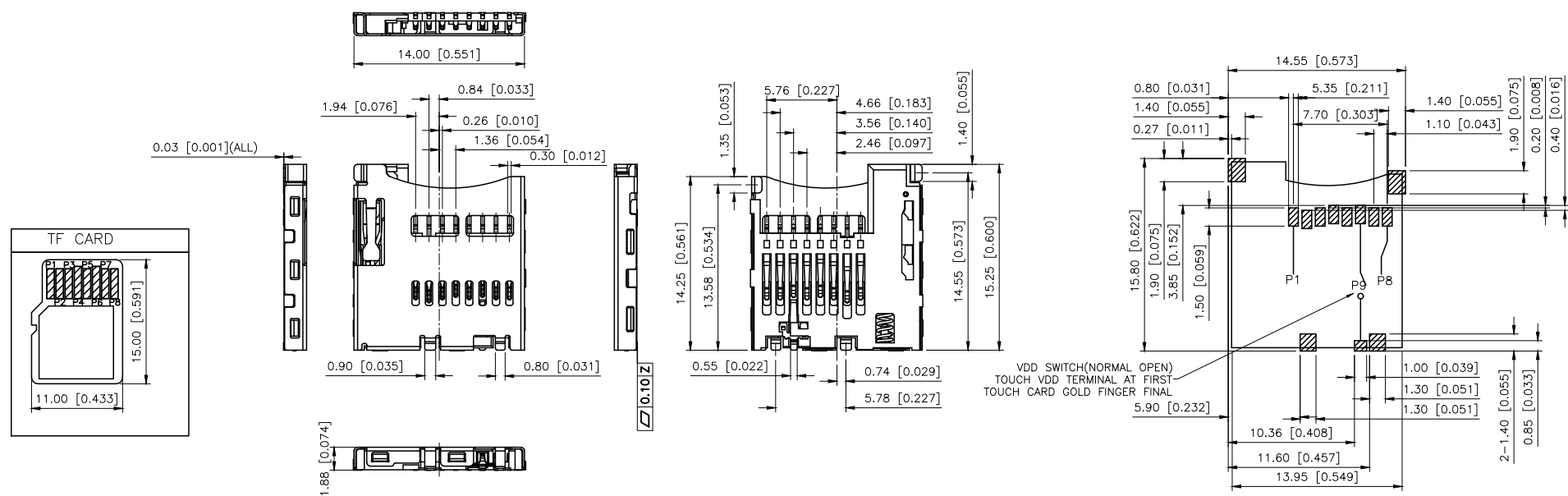


REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		图面升级整理图面	2025.05.16	阿树



NOTES:

1. MATERIAL:

Housing:High Temperature Thermoplastic
UL94V-0; Color Black.

TERMINAL:COPPER ALLOY.

Tin 80u" at Solder Tail,

Selected Gold Flash on Contact Area plating.

Shell: Stainless.

Gold Flash on Contact solder Area

Over Nickel Plating.

2.Electrical Characteristics:

Operating voltage :100v AC(rms)/DC.

Current rating :0.5 A.

Operating Temperature:-25℃~+85℃.

Insulation resistance:1000M ohms min. at 500VDC

Dielectric withstanding voltage :500 VAC/1minute.

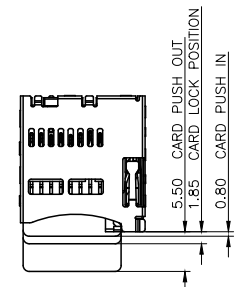
Contact resistance:100m ohms max.

3.Mechanical characteristics

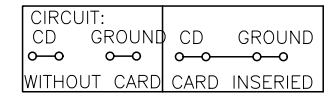
Insertion force: 2.0kg Max.

Extraction force: 0.5kg Min.

Mating durability: 10000 cycles at the speed rate of
400~600 cycles/h; Without distortion of plastic and
serious wear and tear in terminal, No signal break.



Switch card state



RECOMMEND PCB LAYOUT
GENERAL TOLERANCE ± 0.05

Pin No.	MICRO SD
PIN1 DAT2	1P
PIN2 CD/DAT3	2P
PIN3 CMD	3P
PIN4 VDD	4P
PIN5 CLK	5P
PIN6 VSS	6P
PIN7 DAT0	7P
PIN8 DAT1	8P
PIN9 CARD DETECT	

③	Shell	1	SUS	
②	Terminal	8	COPPER ALLOY	
①	Housing	1	HI-TEMP.PLASIC UL 94V-0	BLACK
ITEM	PAPT NAMF	QTY	MATERIAL	FINISHING

AuGLAR	±5°
X.	±0.40
X.x	±0.30
X.xx	±0.20
X.xxx	±0.15
UNSPECIFIED TOLERAuces	



DESIGN	阿树	VIEW:	MODEL TYPE: TF CARD CONN
CHECKED		UNIT: mm/in	PART NO.: XKTF-001A
APPROVED		SIZE: A4	DWG NO.: