

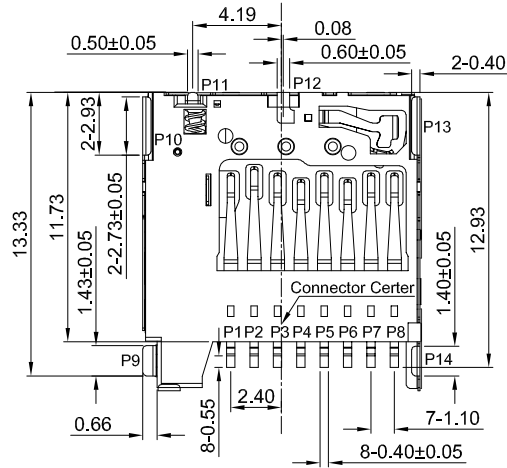
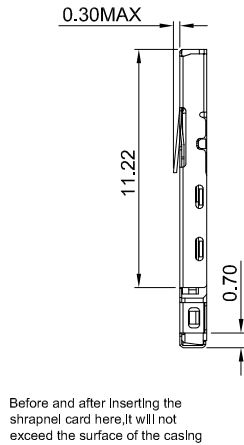
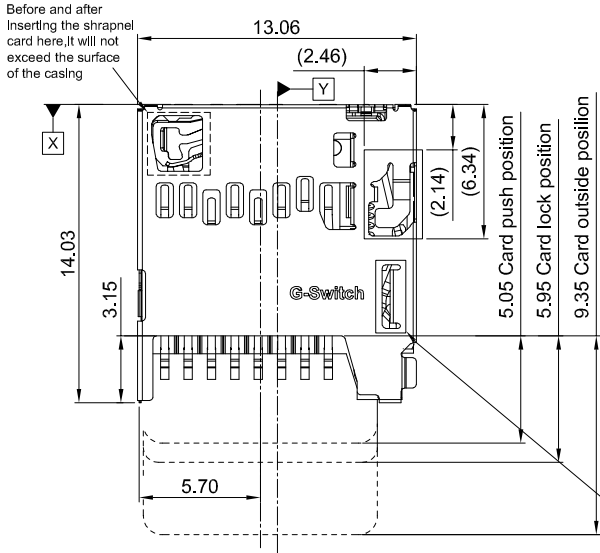
A

B

C

D

E



GT - TF 005A - H128 - 02

G-SWITCH

Detail

Card Holder Series
TF=TF CARD

Product High(mm)
H128=1.28

Operating mode
02=Push-Push

CIRCUIT DIAGRAM FOR CARD DETECT SWITCH

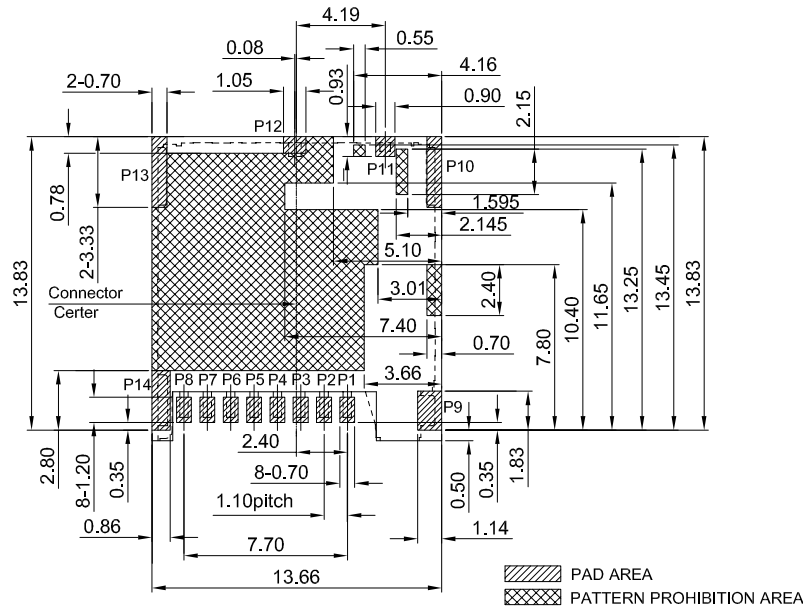
CARD (STATUS)	SWITCH (CIRCUIT)	
	WITHOUT CARD	INSERTING CARD
DETECT SWITCH	OPEN	CLOSE

G-Switch Specification:

- Current rated: 0.5A /pin Max.
Voltage rating: 12V DC Max
- Withstanding voltage: 1000mΩ/500V DC
- Contact Resistance: 100mΩ Max
- Insulation Resistance: 100MΩ Min
- Operating temperature: -25 °C ~ +85 °C
- Mating force : 1N~10N
- Unmating force: 1N~10N
- Durability Cycle: 5000 Cycle

PIN NO.	PIN ASSIGNMENT	PIN NO.	PIN ASSIGNMENT
P1	DAT2	P8	DAT1
P2	CD/DAT3	P9	GROUND
P3	CMD	P10	GROUND
P4	VDD	P11	DETECT LEVER
P5	CLK	P12	DETECT LEVER
P6	VSS	P13	GROUND
P7	DAT0	P14	GROUND

NO.	PART NAME	MATERIAL	DESCRIPTION
6	PLASTIC SLIDER	PA9T	BLACK
5	PUSH ROD	SUS 304	CLEAR
4	SPRING	SwP-C	CLEAR
3	SHELL	SUS 304	Au1u"SOLDER TAILS
2	INSULATOR	LCP	LCP BLACK,UL94V-0
1	TERMINAL	C5210	Au3u"ON CONTACT AREA&SOLDER TAILS



PCB REFERENCE DIAGRAM
TOLERANCE:±0.05



SCALE: 1:1 UNIT: mm
SIZE: A4

Unless otherwise
General tolerance:
X ±0.40
X.x ±0.30
X.xx ±0.20
X° ±5°
X.x° ±3°

Title: Horizontal TF Card SMT H1.28mm

Molde Code: GT-TF005-H128-02

DRAWN	CHECKED	APPROVED	DATE
Wu	Xla	Chen	2024.03.10

品贊科技
www.dg-switch.com

REV: A0 SHEET: 1/1