



APPROVED DATA SHEET

正式資料

2011.04.11

研發本部

Model: 1000100395(DF-03S-11P-1-Z)

Available for the model that mouse has stoppers added more than Min. 0.1mm

ISSUED DATE: APR.07.2011

APPROVED NO.: 1000100395.B

PAGE: 1/4

The undersigned guarantee of the model switches is meets the following specifications.

1. Operation Characteristics

Operating Force (OF)	:	Max. 39 gf
Releasing Force (RF)	:	Min. 6 gf
Free Position (FP)	:	Max. 11.7 mm
Operating Position (OP)	:	8.68±1.0 mm
Movement Differential (MD)	:	Max. 0.8 mm
Over-travel (OT)	:	Min. 0.6 mm
Pre-travel (PT)	:	Max. 4.4 mm

2. Specifications

Initial Contact Resistance	:	Max. 100 mΩ . (Measured by ohm meter –Open Voltage<1VDC, Driver current -100mA) Before measure the switch contact resistance, please press the switch three times on and off.
Initial Dielectric Strength	:	1,000VAC(50-60HZ)/minute between Live-parts and dead metal parts.
Insulation Resistance	:	Min. 100 MΩ (500 VDC/ minute) between Live-parts and dead metal parts.
Circuit Arrangement	:	SPDT (Single pole double throw)
Rating	:	3A 125VAC; 3A 24VDC
Service Life	:	Min. 6,000 operations
Rating Load	:	Resistive Load
Operating Frequency	:	10~30 operations per minute
Safety Certificate	:	UL, cUL
Mechanical Service Life	:	Min. 1,000,000 operations.
Operating Frequency	:	Max. 120 operations per minute.



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TAIWAN, R.O.C

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3. Environments

Operating Temperature	:	0°C ~ 55°C
Storage Temperature	:	-25°C ~ 85°C (with no icing)
Storage Humidity	:	at 40°C, Max. 85% R.H
Vibration Resistance	:	10~55Hz, displacement 0.75mm(p-p)
Shock Resistance	:	Destruction: 1,000 m/s ² {approx. 100G} max. Malfunction: 300 m/s ² {approx. 30G} max.
Soldering by hand	:	260°C maximum within 5 seconds. 300°C maximum within 3 seconds.
Soldering bath	:	260°C maximum within 5 seconds. (PCB thickness more than Min 1.6 mm.)

Note: need to marking customer's P/O number on carton box

ZIPPY TECHNOLOGY CORP.

簡素玲

PREPARED

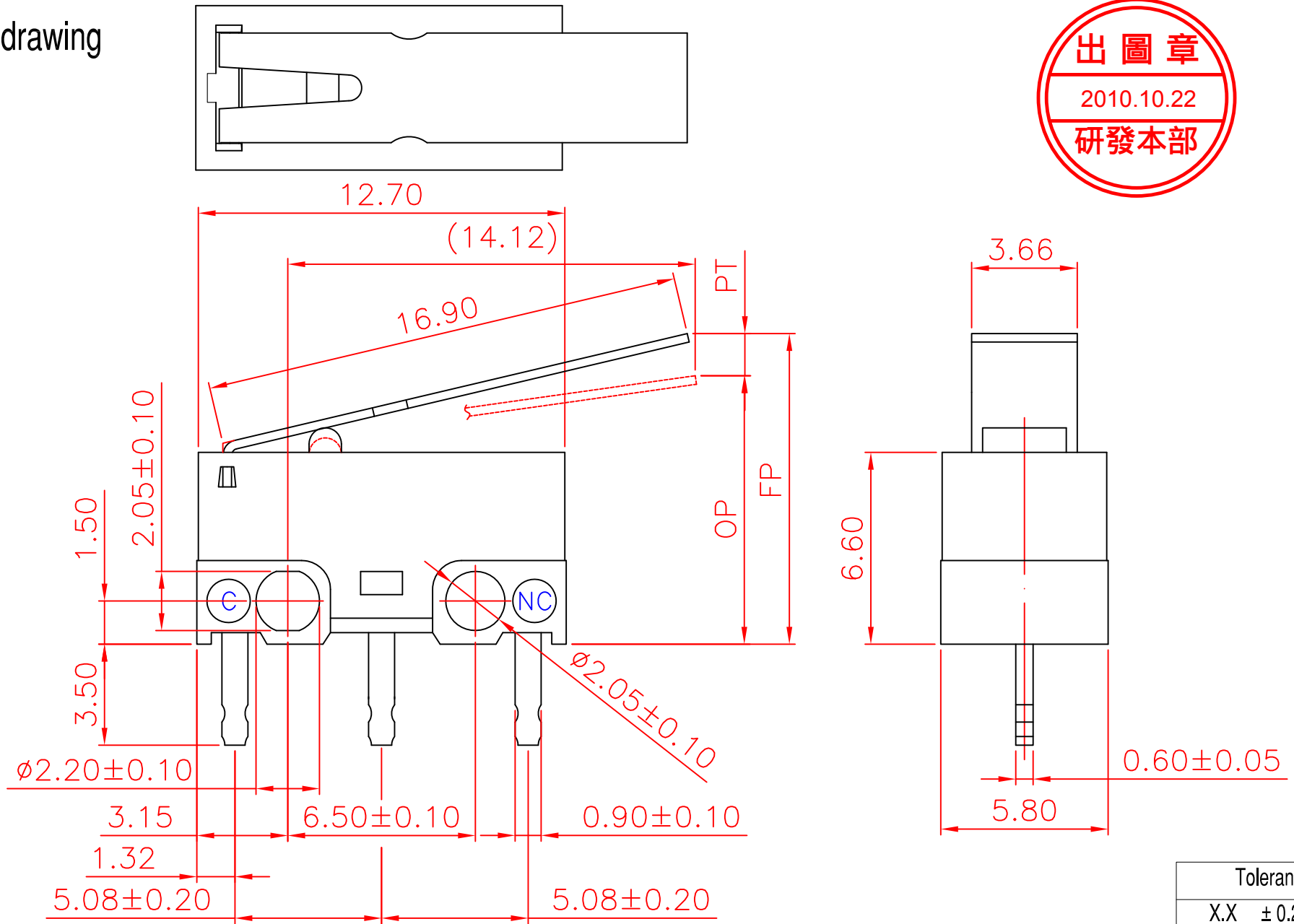
方鼎杰

CHECKED

張哲維

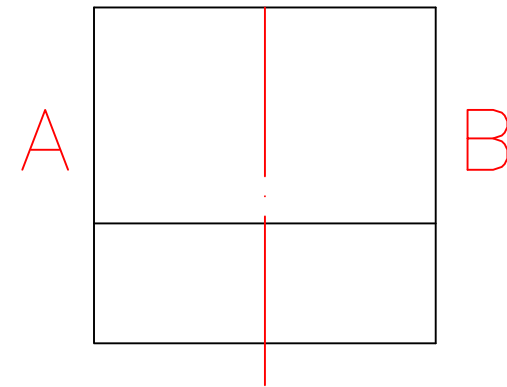
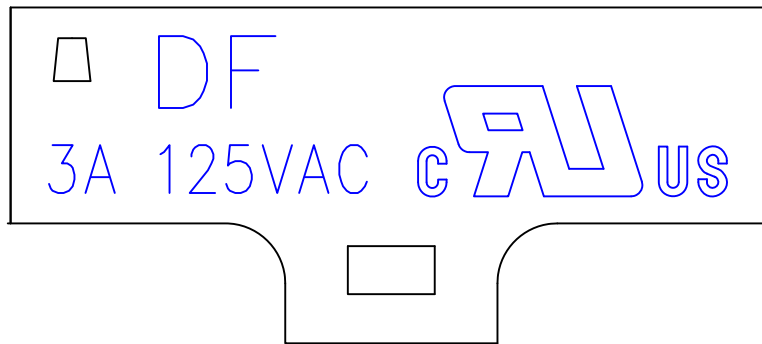
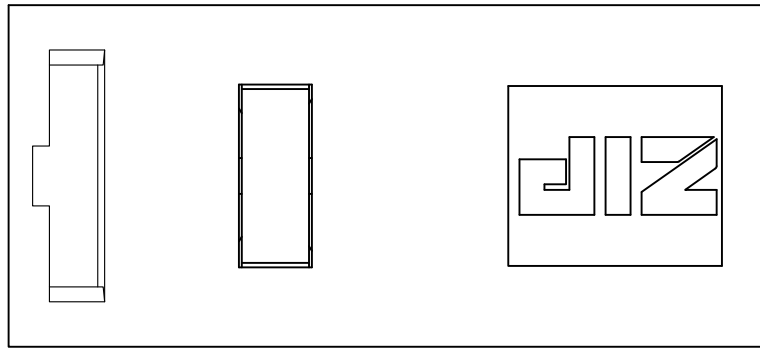
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Dimensions drawing



Tolerance	
X.X	±0.2
XX.X	±0.4

VIEW		SIZE	A4	UNIT	mm
DATE	OCT.22.2010	VER.	1.3	FILE NAME	DF-11PO
APPROVAL	李金龍	CONFIRM	張哲維	DESIGN	謝佩君



Marking will be random on A side or B side

VIEW		SIZE	A4	UNIT	mm
DATE	SEP.30.2010	VER.	1.4	FILE NAME	DF-03
APPROVAL	李金龍	CONFIRM	張哲維	DESIGN	方鼎杰