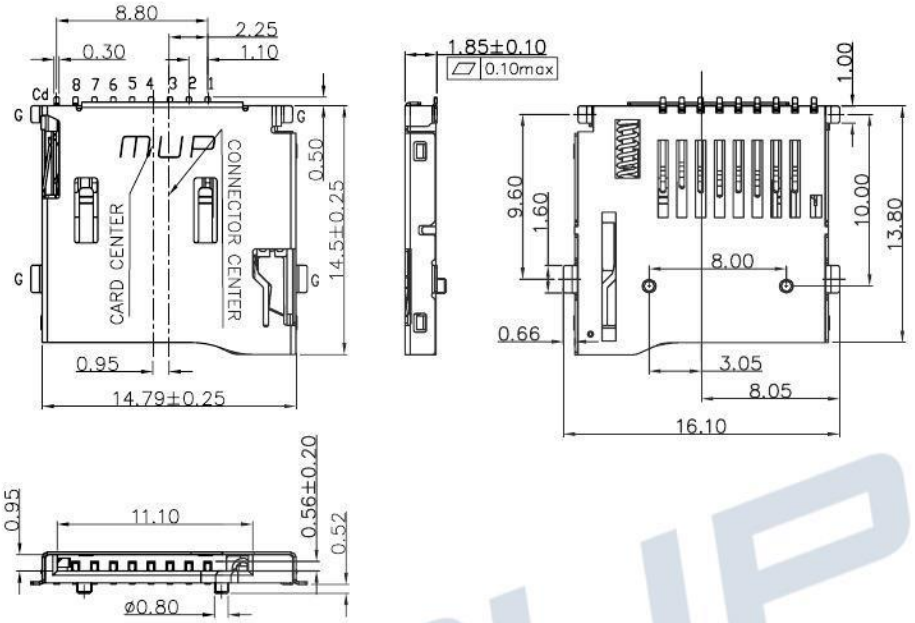
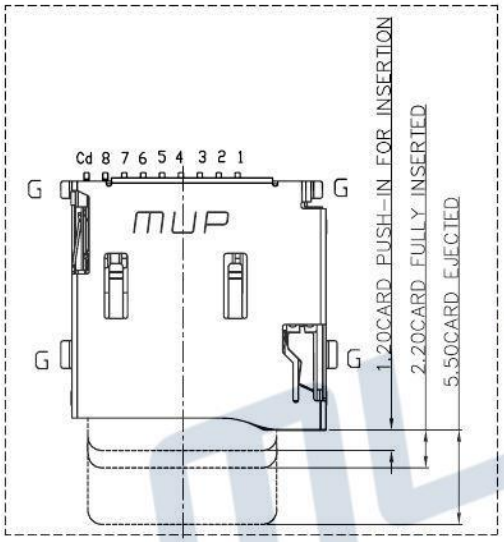
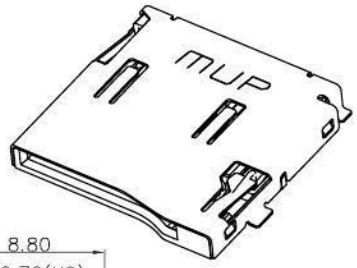
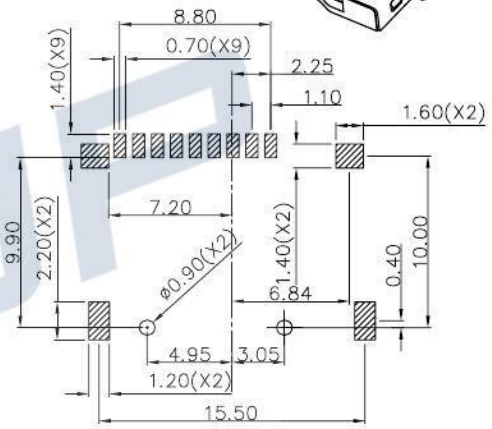
REV.	DESCRIPTION OF REVISIONS	APPR.	DRAW.	RELEASE	DATE
X1					
X2					









RECOMMENDED P.C.B LAYOUT
COMPONENT SIDE(TOLERANCE ±0.05)

Pin No.	Pin assigenment	Pin No.	Pin assigenment
1	DAT2	5	CLK
2	CD/DAT3	6	VSS
3	CMD	7	DAT0
4	VDD	8	DAT1
Cd	CARD DETECTION	G	GROUND

TECHNICAL CHARACTERISTICS

1.General Characteristics

Dimensions: 14.50LX14.75WX1.85H mm
Weight: Approx 0.45±0.2g
Durability: 5,000 cycles min.

2.Electrical Characteristics

Contact resistance: 50mΩ typical,100mΩ max
Insulation resistance: >1000MΩ/500V DC

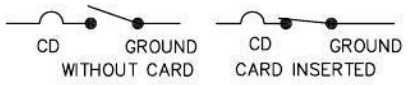
3.Solderability

IR reflow: 260°C,10sec.Max
Manual soldering: 370°C,3sec.Max

4.Environmental Characteristics

Operating temperature: −40°C~+85°C
Operating humidity: 10%~+95%RH

ELECTRIC FUNCTION	DETECT SWITCH
WITHOUT CARD	OPEN
CARD INSERTED	CLOSED



SWITCH OPERATION DIAGRAM

ITEM	PART NAME	Q'TY	MATERIAL	FINISH
1	HOUSING	1	Hi−temp Thermoplastic	Black UL94V−0
2	TERMINAL	8	Copper Alloy	Contact area:Gold plated
3	SHELL	1	Stainless steel	SMT area:Gold plated
4	DETECT	1	Copper Alloy	Contact area:Gold plated
5	SLIDER	2	Hi−temp Thermoplastic	Black UL94V−0
6	SPRING	1	SWP	
7	CRANK−AXLE	1	Stainless Steel	

Unless otherwise specified, other tolerance are:

X	±0.35	X°	±5°
X.X	±0.25	X.X°	±4°
X.XX	±0.15	X.XX°	±3°
X.XXX	±0.10	X.XXX°	±2°

MUP® MUP INDUSTRIAL CO.,LTD.

NAME: **T-Flash Card Connector**
MODEL NO: **MUP-M614**
TYPE : **H=1.85 mm With LOGO**

PROJ.	UNIT	SCALE
	mm	1:1

CUSTOMER DRAWING

DRAWN	Zoey Mar.12.2009	DWG NO.: DWG−MUP−M614−003
CHECKED	Jimmy Mar.12.2009	
APPROVAL	Simon Mar.12.2009	SHEET 1/1 / REVISION X1

Pb RoHS PROCESS COMPLIANT