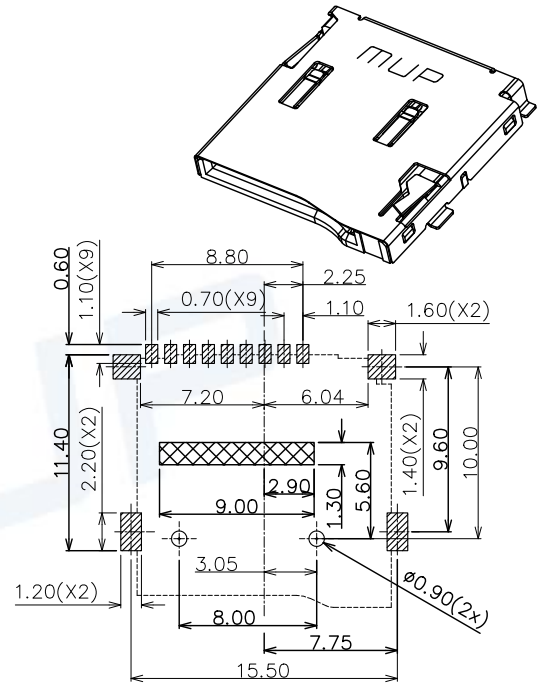
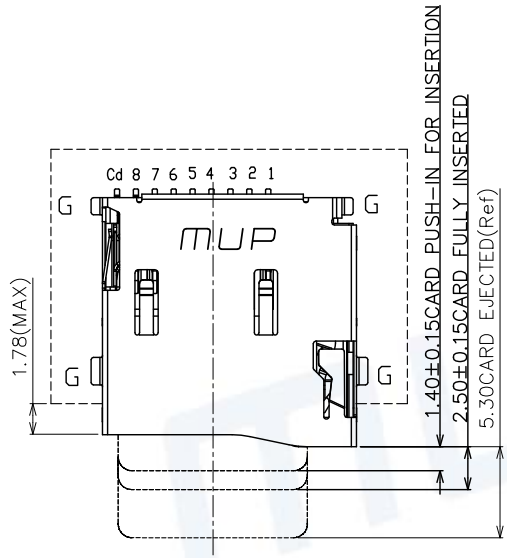
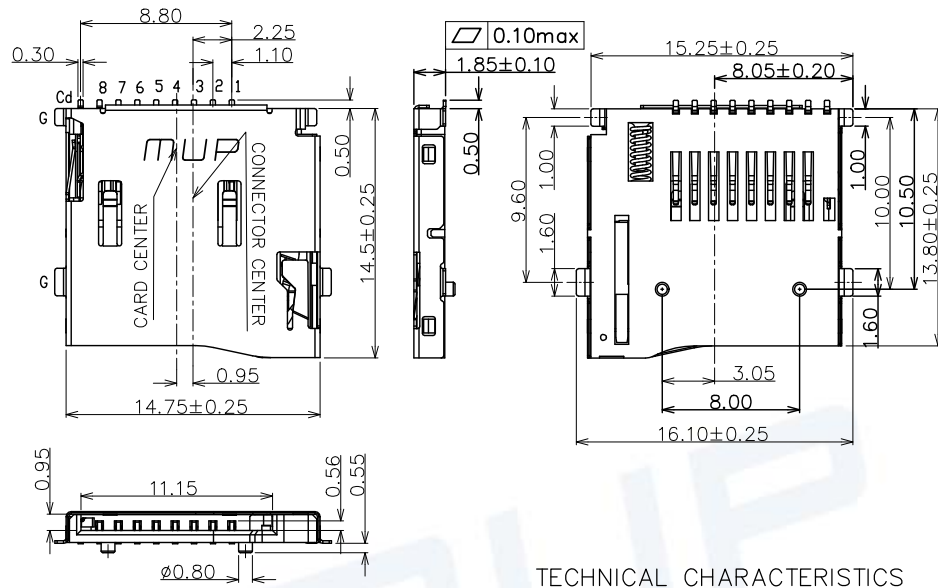


REV.	DESCRIPTION OF REVISIONS	APPR.	CHKD.	DRAW.	DATE
△	NEW			Henry	2021/04/18
△	Original Model M614-12			Henry	2023/10/23



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

▨ PAD AREA  
▩ NO PATTERN AND VIA HOLE IN THIS AREA  
- - - CONNECTOR OUTLINE

### 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

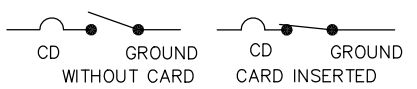
Vaporphase: 215°C, 30sec.Max  
IR reflow: 250°C, 5sec.Max  
Manual soldering: 370°C, 3sec.Max

#### 4.Environmental Characteristics

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

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

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	1	Hi-temp Thermoplastic	Black UL94V-0
6	SPRING	1	SWP	
7	CRANK-AXLE	1	Stainless Steel	

Unless otherwise specified, other tolerance are:

**MUP** MUP INDUSTRIAL CO.,LTD.

X ±0.35	X* ±5'	NAME:	<b>T-Flash Card Connector</b>	
X.X ±0.25	X.X' ±4'	MODEL NO:	<b>MUP-M6014-12</b>	
X.XX ±0.15	X.XX' ±3'	TYPE :	<b>H=1.85 mm Solder Tail: Tin plated</b>	
X.XXX ±0.10	X.XXX' ±2'			

PROJ.	UNIT	SCALE	DRAWN	DATE	DWG NO.:
①	mm	1:1	Herny	Apr.18.2021	DWG-M6014-12-01
CUSTOMER DRAWING			CHECKED	Herny	Apr.18.2021
			APPROVAL	Simon	Apr.18.2021
				SHEET	REVISION
				1/1	2



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