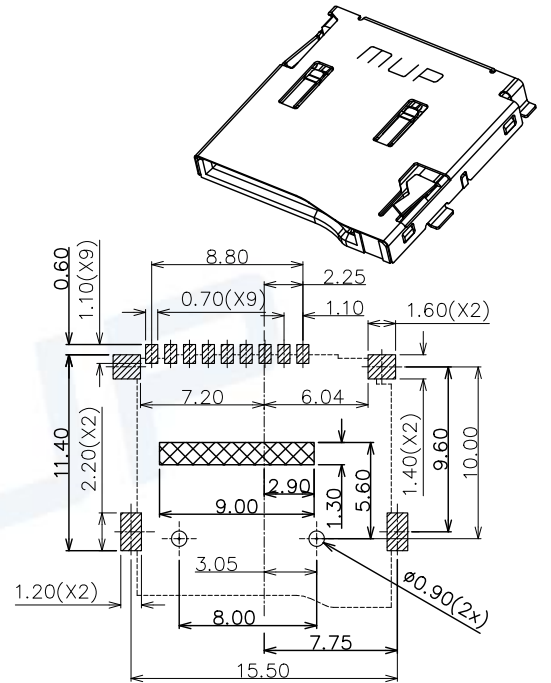
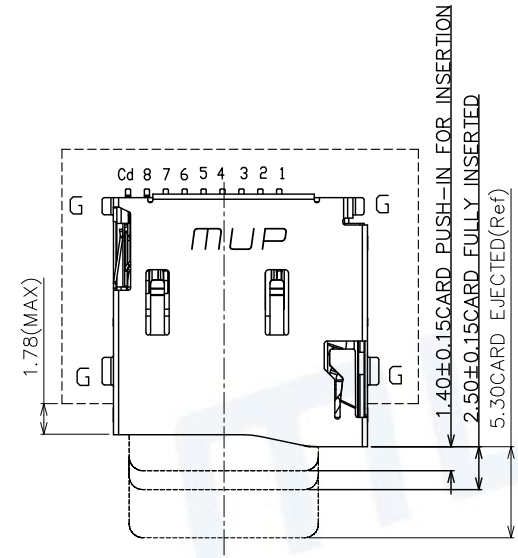
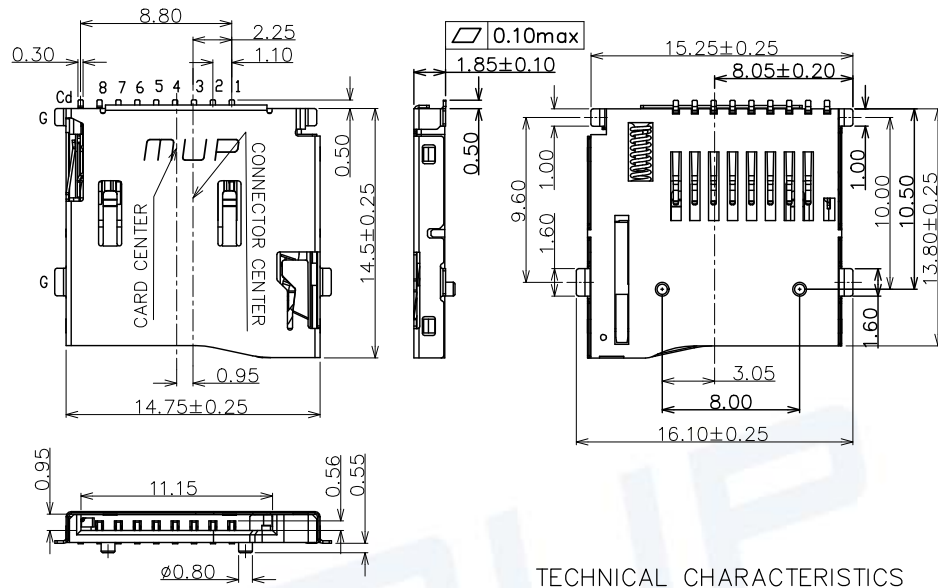


REV.	DESCRIPTION OF REVISIONS	APPR.	CHKD.	DRAW.	DATE
△	NEW			Henry	2021/04/18
△	Original Model M614-12			Henry	2023/10/23



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

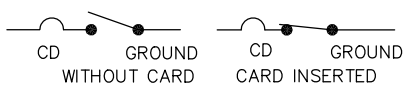
Vaporphase: 215°C, 30sec.Max
IR reflow: 250°C, 5sec.Max
Manual soldering: 370°C, 3sec.Max

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



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.

NAME: **T-Flash Card Connector**

MODEL NO: **MUP-M6014-12**

TYPE: **H=1.85 mm Solder Tail: Tin plated**

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

