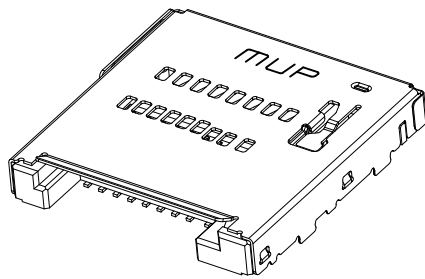
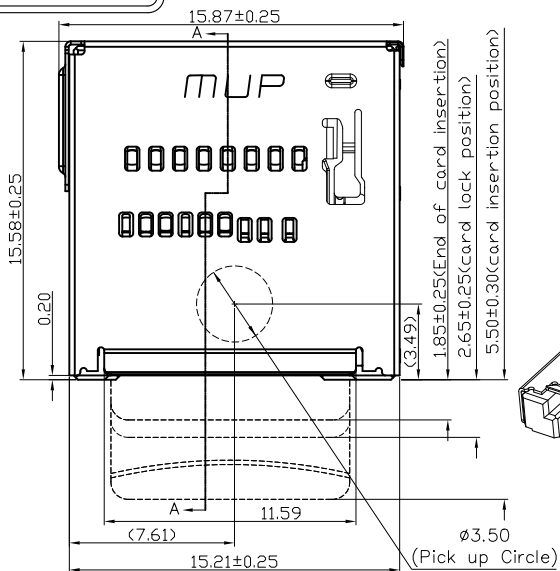


HF Compliant

REV.	DESCRIPTION OF REVISIONS	APPR.	CHKD.	DRAW.	DATE
①	NEW			Henry	2025/04/16
②					



TECHNICAL CHARACTERISTICS

1.General Characteristics

Dimensions:15.57LX15.87WX2.53H mm

Weight: Approx $0.75 \pm 0.2\text{g}$

Connector Lock Force: 8N Max

Connector Unlock Force: 8N Max

Insertion and Extraction

Force: $2\text{ N} \leq F \leq 8.5\text{ N}$

2. Electrical Characteristics

Operating Voltage: 10V A

Contact Current Rating:

3P3V_SDXC Contacts Rat

Paralleled for a Total of 2.1A

3P3V Contact Rated at 0.5A

Contact resistance: 100mΩMax

Insulation resistance: >1000MΩ/500V DC

Dielectric withstanding voltage:

500VAC/1minute

3.Solderability

Vapor phase: 215°C, 30 sec

IR reflow:260°C,5sec.Max

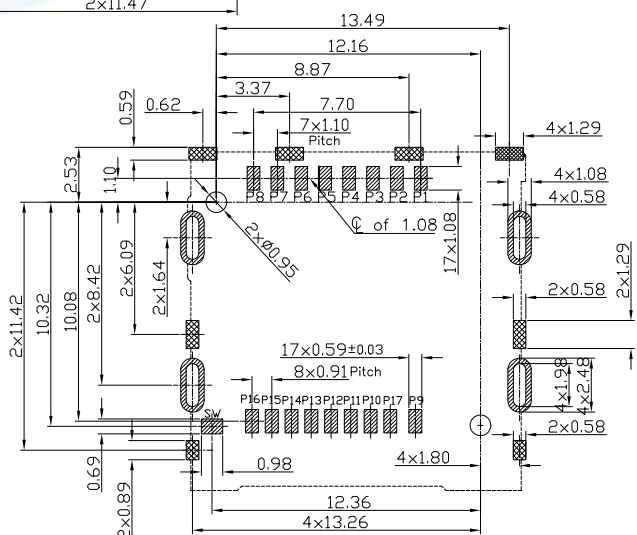
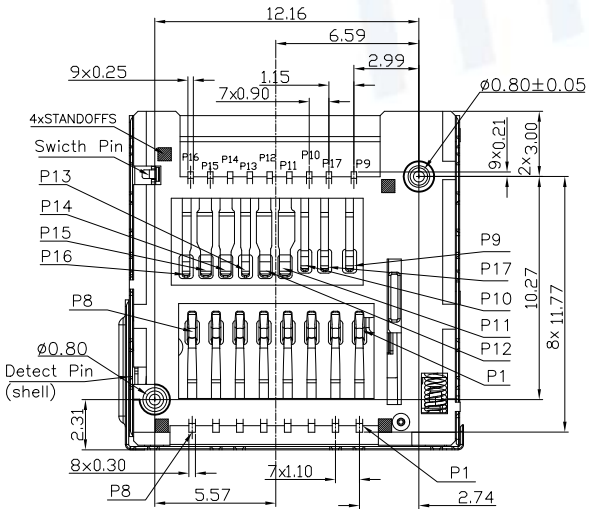
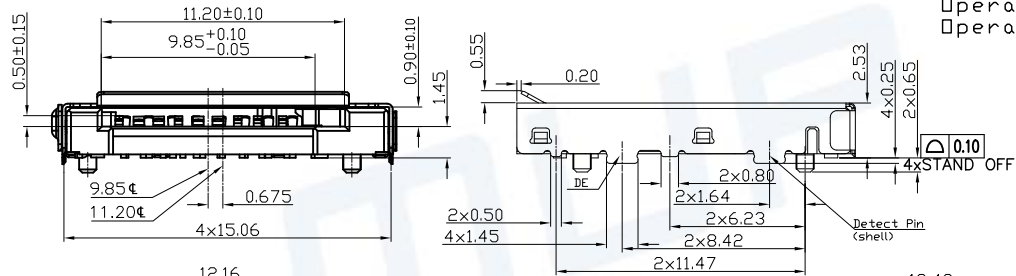
Manual soldering:370°C.3sec.Max

4.Environmental Characteristics

□ Operating remperature: -40°C~+8

Operating humidity:10%~+95%RH

Upper extremity membership, 100% (100%)



Recommended PCB Layout(TOP View)
General Tolerances:±0.05mm

 PRODUCT EDGES
 PATTERN AREA
 PATTERN AREA
 SOLDER PASTES THICKNESS >0.15mm



CIRCUIT DIAGRAM FOR DETECT SWITCHES	
 SW PIN Detect(SHELL) BEFORE CARD INSERT NORMAL OPEN SWITCH	 SW PIN Detect(SHELL) AFTER CARD INSERT CLOSE SWITCH

ITEM	PART NAME	Q'TY	MATERIAL	FINISH
7	SWITCH	1	Copper Alloy	Ni 50-150u" all ranges,mating side : gold flash(1u"Min), solder tail:gold flash
6	Hook	1	Stainless Steel	Cleaning
5	SPRING	1	SWP-B	Ni 30u"
4	HEART CAM	1	Hi-temp Thermoplastic	uninvolved Color: Black
3	SHELL	1	Stainless Steel	Shell Solder Tail: gold flash, 50-150u" Nickel plated over all
2	DATA CONTACT	17	Copper Alloy	Ni 50-150u" all ranges, mating side : Au 30u",solder tail : gold flash
1	HOUSING	1	Hi-temp Thermoplastic	uninvolved Color: Black

Unless otherwise specified, other tolerance are:

MUP MUP INDUSTRIAL CO.,LTD.

NAME: **Micro SD7.1 CARD CONNECTOR**

MODEL NO: **MUP-M6116-01**

TYPE : **Push-Push Type with Post / switch pin H=2.50**

	UNIT	SCALE	DRAWN	DWG NO.:	
	mm	1:1	Henry 2025/04/16	DWG-M6116-01-01	
	CUSTOMER DRAWING		CHECKED	Henry 2025/04/16	SHEET
APPROVAL			Simon 2025/04/16	1/1	1