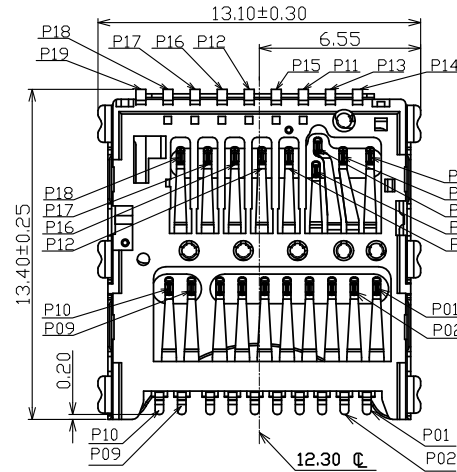
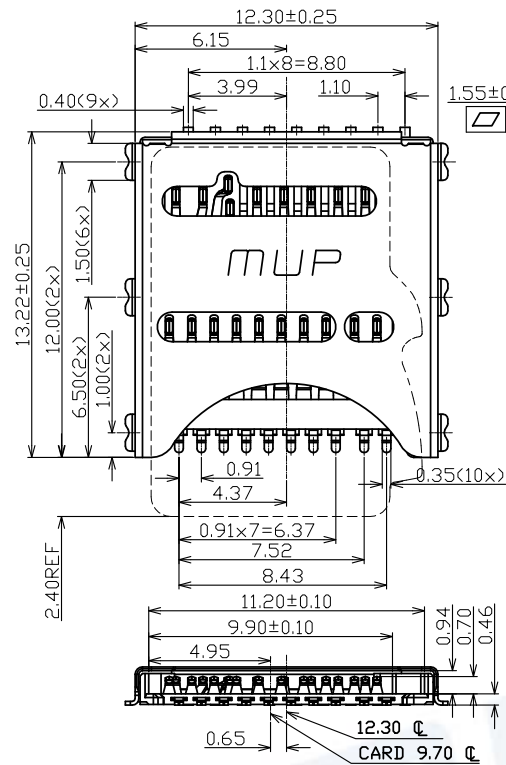
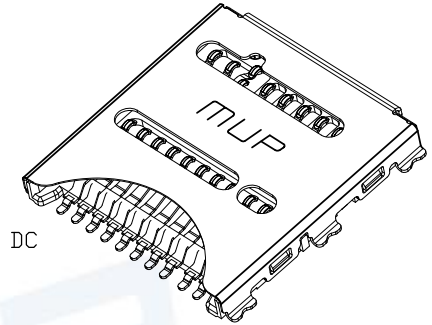


REV.	DESCRIPTION OF REVISIONS	APPR.	DRAW.	RELEASE	DATE
X1	NEW REVISION				Aug.23.2018
X2					



TECHNICAL CHARACTERISTICS

1.General Characteristics
Dimensions:13.22LX12.30WX1.55H mm
Weight: Approx 0.5g
Durability:1,500 cycles min.
2.Electrical Characteristics
Contact resistance:50mΩ typical,
100mΩMax
Insulation resistance:>1000m/500V DC
3.Solderability
Vaporphase:215°C, 30sec.Max
IR reflow:260°C,5~10sec.Max
Manual soldering:370°C.3sec.Max
4.Environmental Characteristics
Operating temperature:-25°C~+85°C
Storage Temperature :-40°C~+85°C
Operating humidity:10%~+95%RH

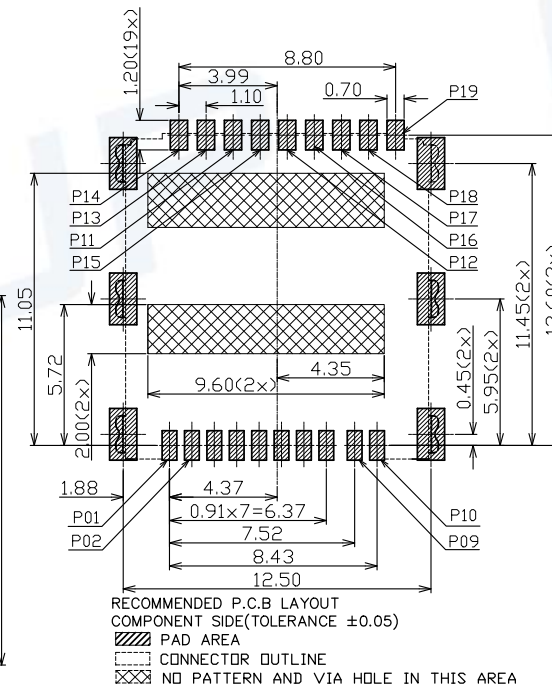
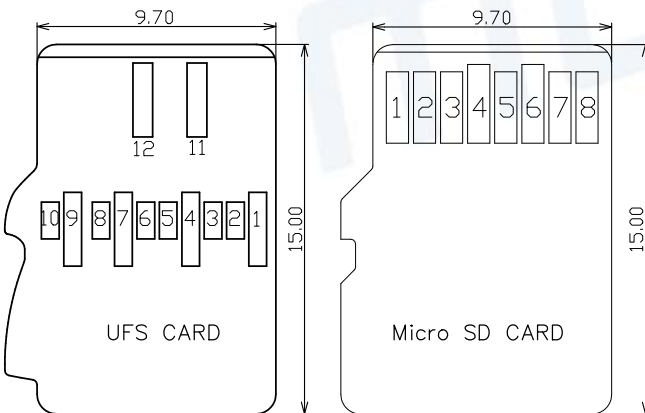


UFS CARD PIN FUNCTION DEFINITION:

UFS card	UFS socket	FUNCTION
P01	→ P01	VSS
P02	→ P02	DIN_C
P03	→ P03	DIN_T
P04	→ P04	VSS
P05	→ P05	DOUT_C
P06	→ P06	DOUT_T
P07	→ P07	VSS
P08	→ P08	REF_CLK
P09	→ P09	VCCQ2
P10	→ P10	C/D(GND)
P11	→ P11 P19	VSS
P12	→ P12	VCC

MICRO SD CARD PIN FUNCTION DEFINITION:

SD card	UFS socket	FUNCTION
P01	→ P18	DATA LINE<BIT 2>
P02	→ P17	CARD DETECT/ DATA LINE<BIT 3>
P03	→ P16	COMMAND RESPONSE
P04	→ P12	SUPPLY VOLTAGE
P05	→ P15	CLOCK
P06	→ P11 P19	SUPPLY VOLTAGE GROUND
P07	→ P14	DATA LINE<BIT 0>
P08	→ P13	DATA LINE<BIT 1>



ITEM	PART NAME	Q'TY	MATERIAL	FINISH
1	HOUSING	1	Hi-temp Thermoplastic	Black UL94V-0
2	DATA CONTACT	18	Copper Alloy	Contact area:Gold plated
3	SWITCH	1	Copper Alloy	Contact area:Gold plated
4	SHELL	1	Stainless Steel	Solder area:Gold plated

Unless otherwise specified, other tolerance are:

MUP MUP INDUSTRIAL CO.,LTD.

X ±0.35	X* ±5°	NAME:	UFS Card Connector	
X.X ±0.25	X.X* ±4°	MODEL NO:	MUP-M6101-1	
X.XX ±0.15	X.XX* ±3°	TYPE :	H1.55mm with switch pin	
X.XXX ±0.10	X.XXX* ±2°	PROJ.	UNIT	SCALE
		mm		1:1
CUSTOMER DRAWING		DRAWN	Henry Aug.23.2018	DWG NO.:
		CHECKED	Henry Aug.23.2018	DWG-MUP-M6101-1
		APPROVAL	Simon Aug.23.2018	SHEET
				1/1
				REVISION
				X1

CIRCUIT DIAGRAM FOR DETECT SWITCHES

