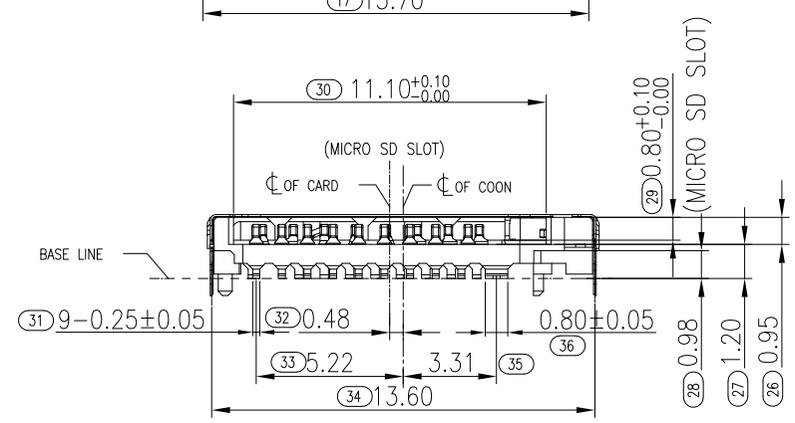
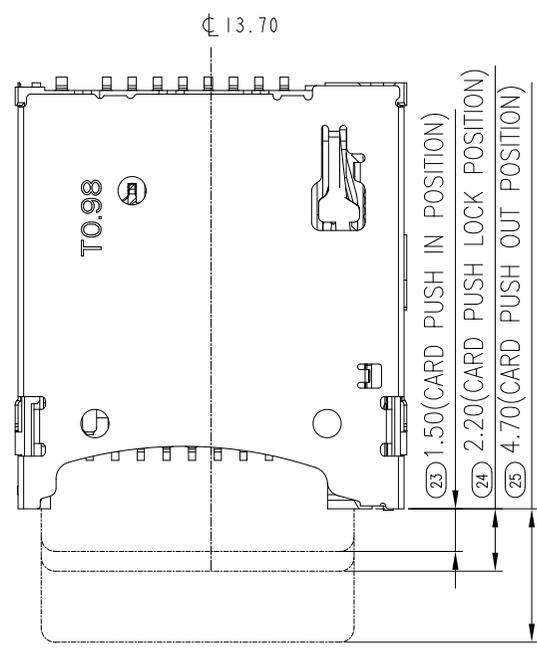
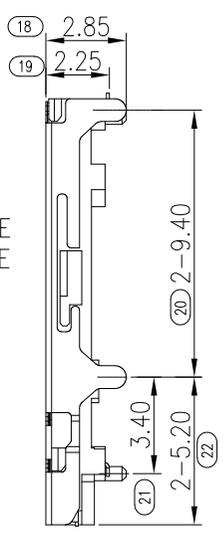
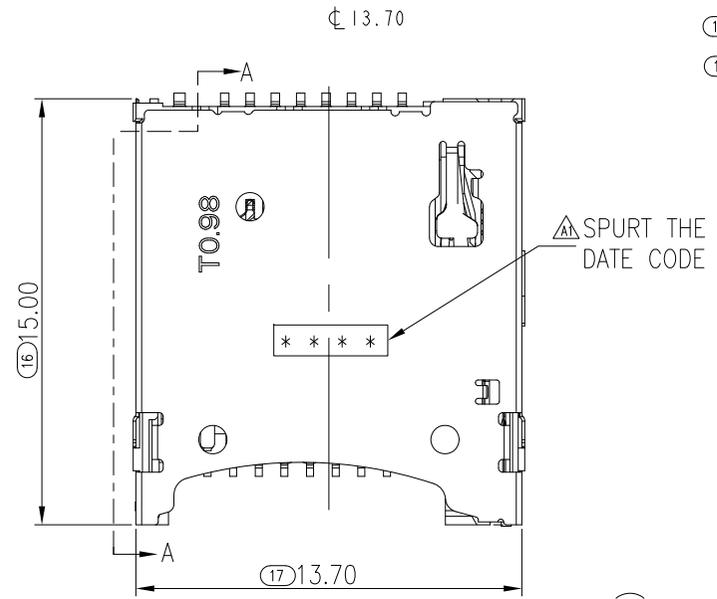
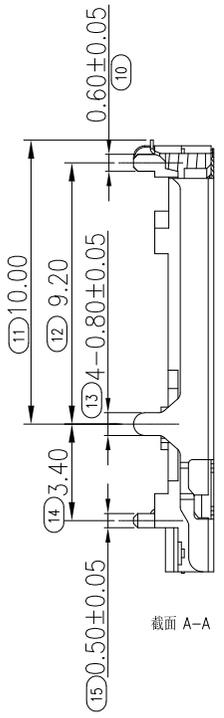
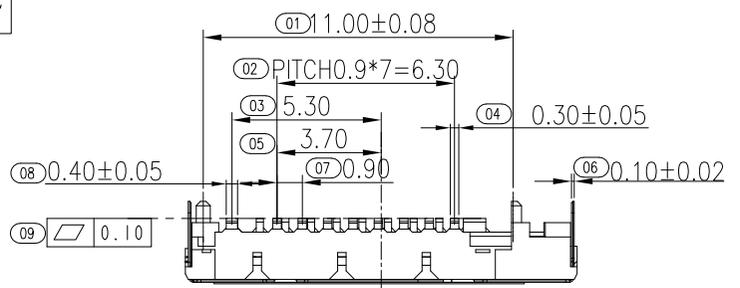


GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2017/07/12	Phebe Su
A1			Add D/C marking	2017/11/12	Phebe Su



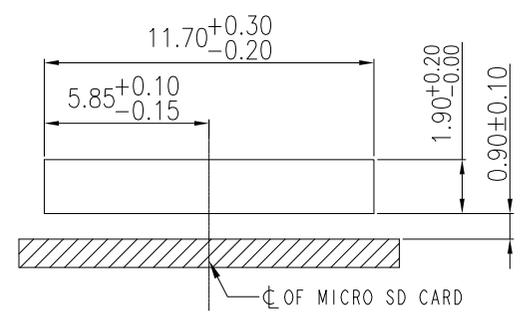
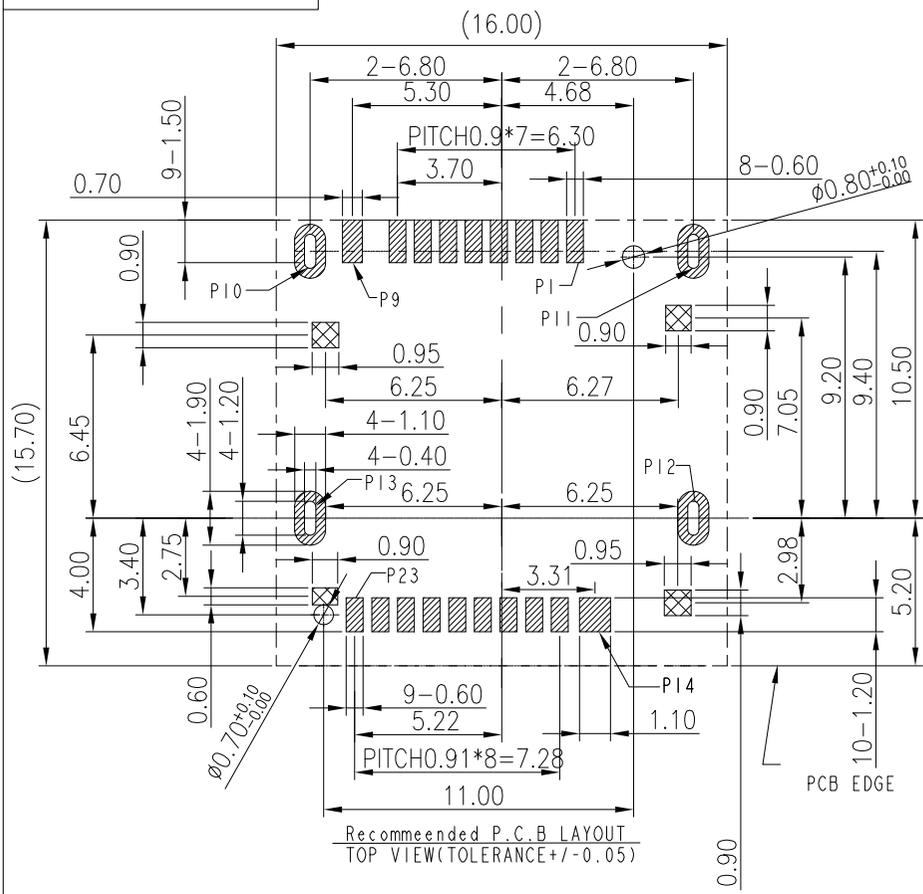


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TOLERANCE: X:X ±0.30 X:XX ±0.20 X:XXX ±0.10 ANGLE: ±3°	DESIGN BY : Phebe Su	DATE : 2017/11/12	PART NAME: micro SD4.0 PUSH CONN	
	CHECKED BY: Vicky Hsieh	DATE : 2017/11/12	PART NO.	MMS-01-30-23-22-31
  UNIT: mm [inch] SCALE: 1:1 SIZE: A4	APPROVED BY1: Richard Hsieh	DATE : 2017/11/12	MOLD NO.	NA
	APPROVED BY2: Richard Hsieh	DATE : 2017/11/12	DRAW NO.	SHEET NO. 1 OF 2

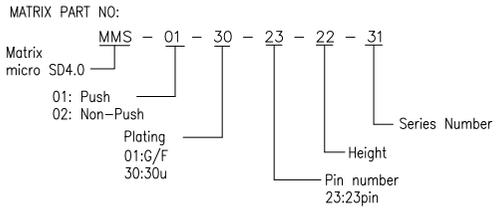
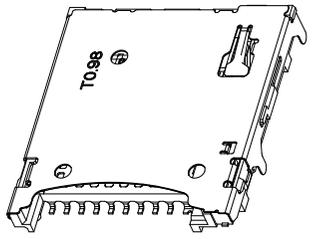
GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
AO			Initial	2017/07/12	Phebe Su
A1			Add D/C marking	2017/11/12	Phebe Su



- NOTES:
- (1) MATERIAL:
 - 1-1. PLASTIC: LCP, THERMOPLASTIC UL 94V-0
 - COLOR: BLACK.
 - 1-2. CONTACT: COPPER ALLOY.
 - 1-3. SHELL: STAINLESS STEEL.
 - (2) PLATING:
 - 2-1. CONTACT:
 - 2-1-1. CONTACT AREA: Au 30u" . OVER Ni 50u".
 - 2-1-2. SOLDER TAIL AREA: Matted TIN 80u" Min. OVER Ni 50u".
 - 2-2. SHELL:
 - 2-2-1. SOLDERABILITY : OVER PLATING Ni 50" OVER ALL.
 - (3) CONTACT AND TAIL COPLANARITY TO BE 0.10mm MAX

Pin No.	Pin Assignment
P1	MICRO SD DAT2
P2	MICRO SD CD/DAT3
P3	MICRO SD CMD
P4	MICRO SD VDD1
P5	MICRO SD CLK
P6	MICRO SD VSS
P7	MICRO SD DAT0/RCLK
P8	MICRO SD DAT1/RCLK
P9	MICRO SD CD
P10	GND
P11	GND
P12	GND
P13	GND
P14	GND
P15	MICRO SD VDD2
P16	MICRO SD SWIO
P17	MICRO SD VSS
P18	MICRO SD D0+
P19	MICRO SD D0-
P20	MICRO SD VSS
P21	MICRO SD D1-
P22	MICRO SD D1+
P23	MICRO SD VSS



Opening/Close of Switch

	Card Detect Switch
Card Uninsertion	Open
Card Half Insertion	Open
Card Insertion	Close
N/O	



Matrix Electronics Co.,Ltd

TOLERANCE: X.X ±0.30 X.XX ±0.20 X.XXX ±0.10 ANGLE: ±3°	DESIGN BY : Phebe Su	DATE : 2017/11/12	PART NAME: micro SD4.0 PUSH CONN	
	CHECKED BY: Vicky Hsieh	DATE : 2017/11/12	PART NO.	MMS-01-30-23-22-31
	APPROVED BY1: Richard Hsieh	DATE : 2017/11/12	MOLD NO.	NA
	APPROVED BY2: Richard Hsieh	DATE : 2017/11/12	DRAW NO.	
UNIT: mm [inch] SCALE: 1:1 SIZE: A4			SHEET NO.	2 OF 2