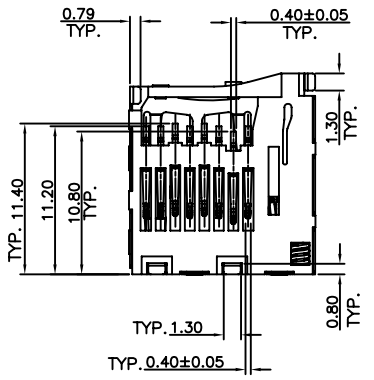
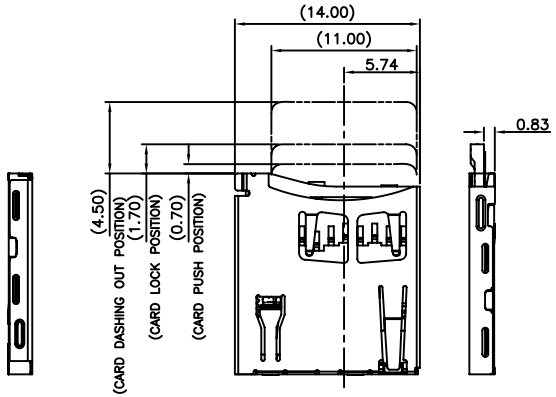
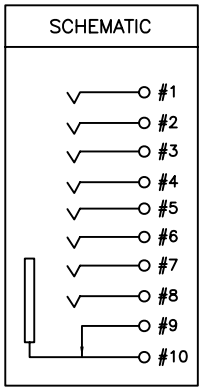
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	INITIAL RELEASE	劉木遠	2006.03.17
B	ADD DATE CODE	許海華	2007.06.14
C	ADD HALOGEN FREE MARK ECN NO:T080204	孫一中	2008.11.27

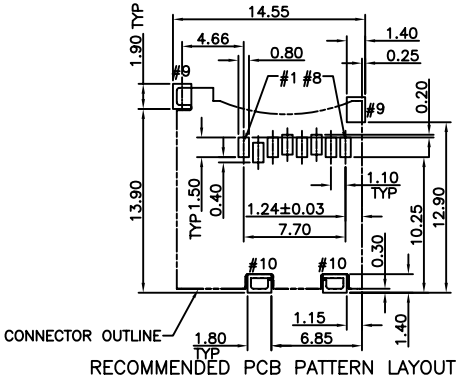




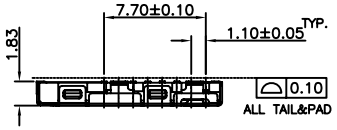
CARD PUSH/PUSH

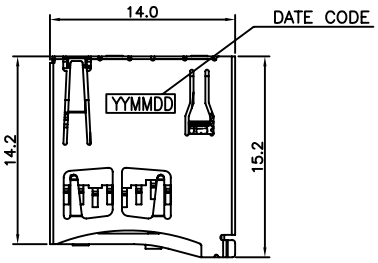
SCHEMATIC

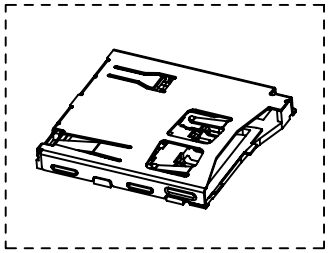




RECOMMENDED PCB PATTERN LAYOUT
TOLERANCE: ±0.05







3D VIEWS

NOTES:
1. MATERIAL :
   HOUSING:HIGH TEMPERATURE THERMOPLASTIC. UL94V-0.BLACK
   SLIDE:HIGH TEMPERATURE THERMOPLASTIC. UL94V-0.BLACK
   SHELL:STAINLESS STEEL.
   CONTACT:COPPER ALLOY.
   DETECT PIN: COPPER ALLOY.
   LOCK PIN:STAINLESS STEEL.
2. PLATED :
   CONTACT:20u" Min. Au PLATING IN CONTACT AREA;
   1~3u"Min.Au PLEATED OVERALL,
   50u" Ni UNDERPLATED OVERALL.
   DETECT PIN:1u" Min. Au PLATED OVER ALL
   50u"Min. Ni UNDERPLATED OVERALL .
3. ELECTRIACL CHARACTISTIC:
   CONNECT RESISTANCE:40 MILLIONMS/PIN Max.
   INSULATION RESISTANCE:1000 MEGAOHMS Min.
   VOLTAGE WITHSTAND:500V AC for 1minute
4. MECHANICAL CHARACTISTIC:
   CONTACT MATING FORCE:3Kgf Max.
   CONTACT UNMATING FORCE:100gf Min.
   DURABILIDADE:5000 CYCLES
5. SOLDER HEAT RESISTANCE:REFLOW SOLDERING 260° FOR 10 SEC.
6. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
7. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT:
8. HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON PACKING:
9. FOR REFLOW SOLDERING LEAD-FREE PROCESS.
10. PRINTED DATE CODE"YYMMDD " ON TOP OF CONNECTOR.

YY MM DD
DD: DAY
MM: MONTH
YY: YEAR

RELATION OF SWITCHES TO TRANS-FLASH CARD ATTACHMENT CONDITION

CARD ATTACHMENT CONDITION	CARD DETECT SWITCH	SITUATION DEPICTION
CARD NOT ATTACHED	CLOSED	#9&#10 SHORT
CARD ATTACHED	OPEN	#9&#10 OPEN

Pin No.	Name	Type	DESCRIPTION
1	DAT2	I/O/PP	Data Line [bit2]
2	CD/DAT3	I/O/PP	Card Detect Data Line [bit3]
3	CMD	PP	Command Response
4	VDD	S	Supply Voltage
5	CLK	I	Clock
6	VSS	S	Supply Voltage Ground
7	DAT0	I/O/PP	Data Line [bit0]
8	DAT1	I/O/PP	Data Line [bit1]

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: X :±0.5 X.X :±0.3 X.XX :±0.2
ANGLES: X :±2° X.X :±1°

Singatron Enterprise Co., Ltd.
信音企業股份有限公司

TITLE	TRANS FLASH PUSH/PUSH TYPE			
DWN	孫一中	PART NO. 2CA-0005-001		
CHKD	劉木遠	SCALE 2:1	UNIT: mm	
APVD	羅又生	SIZE: A3	SHEET: 1OF1	REV: C

CUSTOMER COPY

文件編號 RD-06-043-A