

Rev.	Description	Date	Drawn	Checked

MATERIALS

HOUSING: HI-TEMP. PLASTIC (UL 94V-0), BLACK
 TERMINAL: PHOSPHOR BRONZE, GOLD PLATED ON CONTACT AREA TIN PLATING ON SOLDER TAIL
 SHELL: STAINLESS STEEL SMT SOLDER AREA GOLD PLATED

SPECIFICATION

CURRENT RATING: 1 AMP MAX
 DIELECTRIC WITHSTANDING: 500V AC FOR ONE MINUTE
 CONTACT RESISTANCE: 30m OHMS MAX
 INSULATION RESISTANCE: 1000M OHMS MIN AT DC 500V
 OPERATION TEMPERATURE: -25°C ~ +85°C

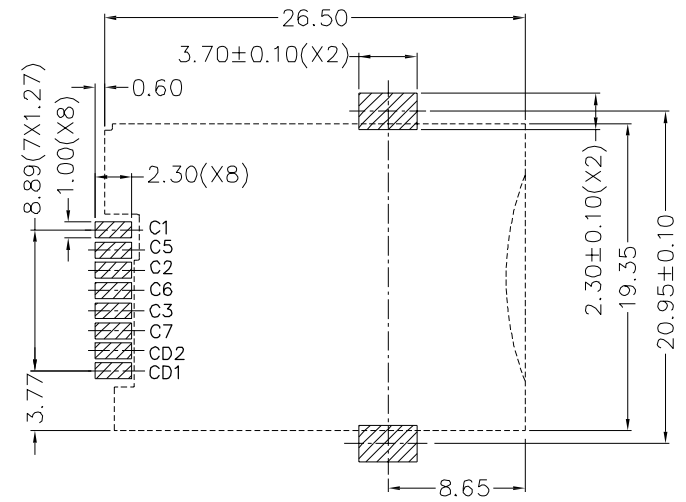
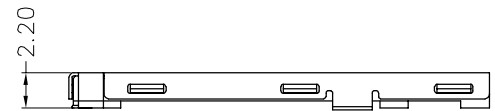
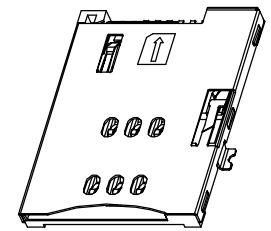
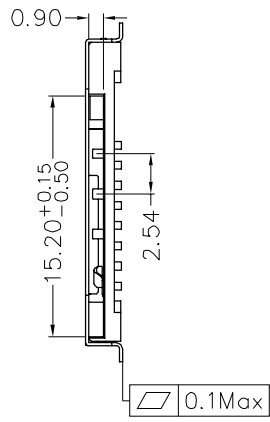
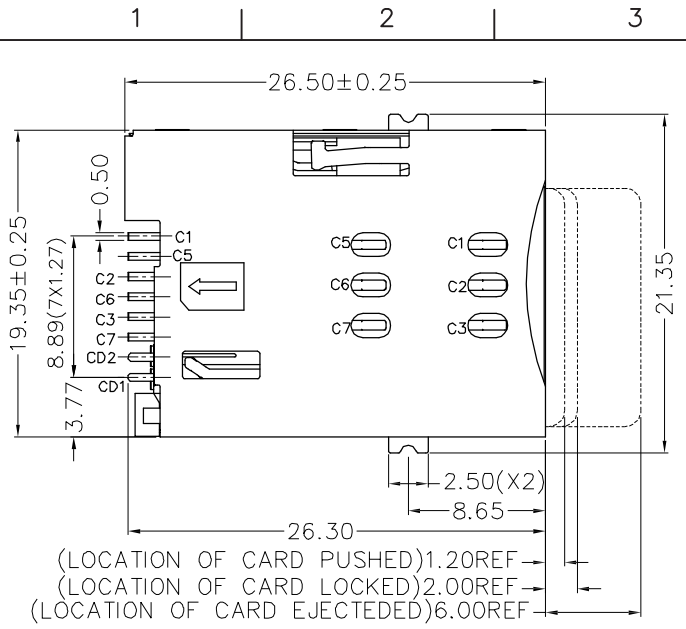
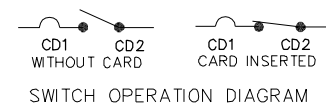
PART NUMBER

2SM40GDH - 08 * T - 1 * P L

SERIES: 2SM40GDH
 NO. OF POS.: 08
 CONTACT PLATED OPTION: * T (1: GOLD FLASH, 4: 15u" GOLD, 6: 30u" GOLD)
 PACKAGE OPTION: * P (1: TRAY, 2: TAPE REEL)
 LEAD FREE: L

CONTACT NO.	ASSIGNMENT	DESCRIPTION
C1	Vcc	Power Voltage
C2	RST	Reset Signal
C3	CLK	Clock Signal
C4	RFU	Reserve for future use
C5	GND	Power and Signal Ground
C6	Vpp	Programming Voltage
C7	I/O	Serial Data input/output
C8	RFU	Reserve for future use

ELECTRIC FUNCTION	DETECT SWITCH
WITHOUT CARD	OPEN
CARD INSERTED	CLOSED



RECOMMENDED P.C.B LAYOUT
 COMPONENT SIDE (TOLERANCE ±0.05)

GENERAL TOLERANCE:
 .X ±0.30 Ang. ±3°
 .XX ±0.20
 .XXX ±0.10

Singatron Enterprise Co., Ltd.

TITLE	SIM CARD , H=2.20 PCB MOUNT, SMT WITHOUT POST			
DWN	SHC	PART NO.	2SM40GDH - 08 * T - 1 * P L	
CHKD		SCALE 1:1	UNIT: mm	⊕ ↻
APVD		SIZE: A3	SHEET: 1 OF 1	REV: A

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