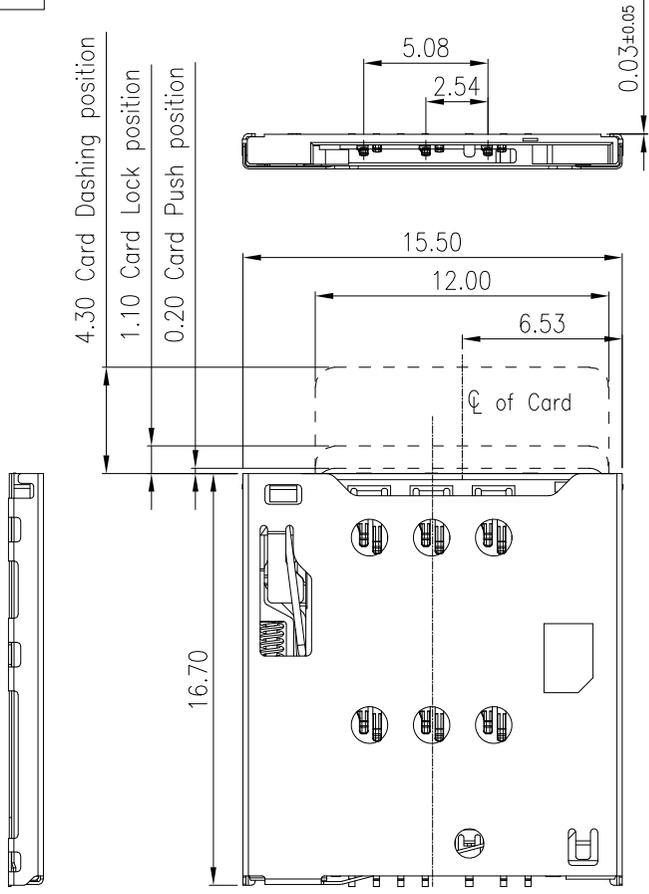
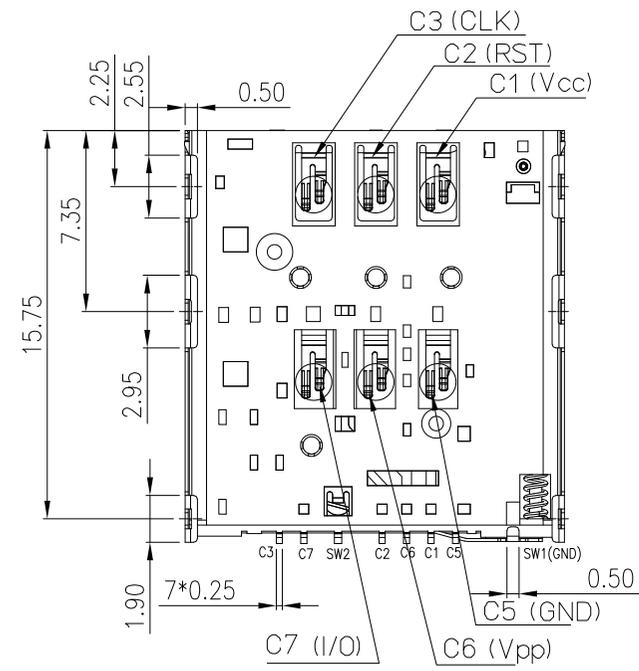


# GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2021/01/07	Hanson
A1			Change Notes	2021/01/12	Hanson
A1.1			Change Notes	2023/04/07	Hanson



	0.10	Before IR
	0.12	After IR



MATRIX PART NO:

MSM-01-01-07-14-77

Matrix  
Micro SIM

01 : Push  
02 : Non-Push

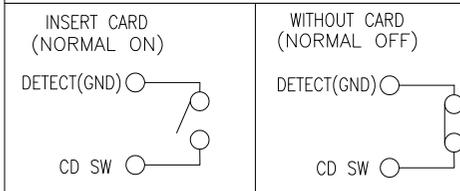
Plating  
01:G/F

Series Number

Height

Pin number  
07:7pin

Circuit Diagram for Card Detect Switch

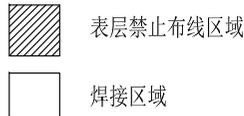
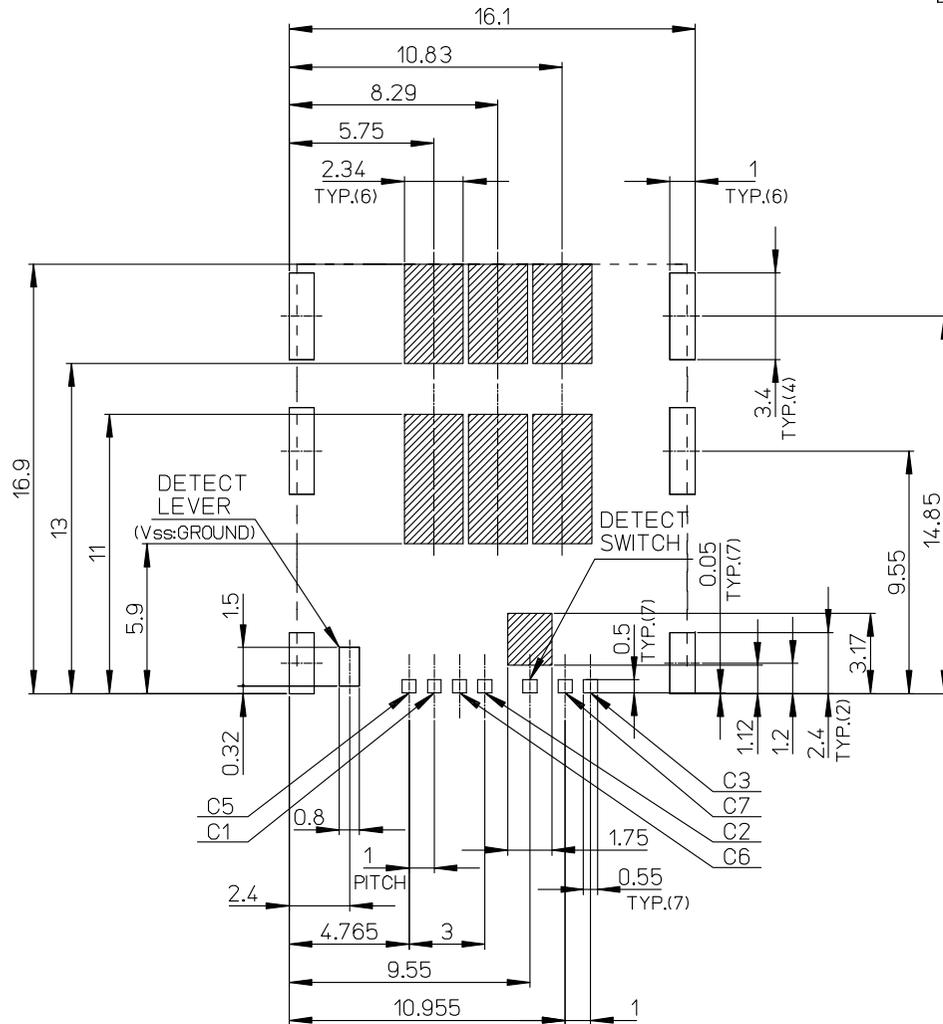


Matrix Electronics Co.,Ltd

<b>TOLERANCE:</b> X.X ±0.30 X.XX ±0.25 X.XXX ±0.10 ANGLE: ±2°		<b>DESIGN BY :</b> Hanson Huang	<b>DATE :</b> 2023/04/07	<b>PART NAME:</b> Mirco SIM CARD 1.43H Push Push	
		<b>CHECKED BY:</b> Janice Liu	<b>DATE :</b> 2023/04/07	<b>PART NO.</b>	MSM-01-01-07-14-77
<b>UNIT: mm [inch]</b>		<b>APPROVED BY1:</b> Richard Hsieh	<b>DATE :</b> 2023/04/07	<b>MOLD NO.</b>	NA
<b>SCALE:1:1</b>	<b>SIZE:A4</b>	<b>APPROVED BY2:</b> Richard Hsieh	<b>DATE :</b> 2023/04/07	<b>DRAW NO.</b>	
				<b>SHEET NO.</b>	1 OF 2

# GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
AO			Initial	2021/01/07	Hanson
A1			Change Notes	2021/01/12	Hanson
A1.1			Change Notes	2023/04/07	Hanson



RECOMMENDED PCB PATTERN LAYOUT  
(GENERAL TOLERANCE : ±0.05)

## NOTES:

### MATERIAL:

Insulator: High Temperature thermoplastic,  
UL 94V-0 , Black

Contact: Copper Alloy

Shell: SUS

### PLATING:

Contact: Plated 50u" Ni Overall Contact Au 1u"

Shell: Plated 50u" Ni Overall

Plated 1u" Au Selective Contact Area

### Electrical:

Current Rating:0.5A AC/DC Max.

Voltage Rating:125V AC/DC

Ambient Temperature Range:-40°C - +105°C

Storage Temperature Range:-40°C - +85°C

Ambient Humidity Range:95% R.H. Max.

Contact Resistance:100mΩ Max.

Insulation Resistance:1000MΩ Min/500V DC

Resistance Temperature:260°C

Mating Cycles:3000Min Insertions



Matrix Electronics Co.,Ltd

<b>TOLERANCE:</b> X.X ±0.30 X.XX ±0.25 X.XXX ±0.10 ANGLE: ±2°	<b>DESIGN BY :</b> Hanson Huang	<b>DATE :</b> 2023/04/07	<b>PART NAME:</b> Mirco SIM CARD 1.43H Push Push	
	<b>CHECKED BY:</b> Janice Liu	<b>DATE :</b> 2023/04/07	<b>PART NO.</b>	MSM-01-01-07-14-77
 <b>UNIT: mm [inch]</b> <b>SCALE:1:1 SIZE:A4</b>	<b>APPROVED BY1:</b> Richard Hsieh	<b>DATE :</b> 2023/04/07	<b>MOLD NO.</b>	NA
	<b>APPROVED BY2:</b> Richard Hsieh	<b>DATE :</b> 2023/04/07	<b>DRAW NO.</b>	
			<b>SHEET NO.</b>	2 OF 2