

GP Component

Specification

× Electrical Characteristics :

Current Rating:0.5A.

Withstanding Voltage:AC500V r.m.s.

Insulation Resistance:1000Megohms Minimum at DC 500V.

Contact Resistance:100Miliohms Maximum.

×Mechanical Characteristics:

Mating Cycles: 10000 Insertions.

× Environmental :

Operating Temperature:-40°C to +85°C.

Material:

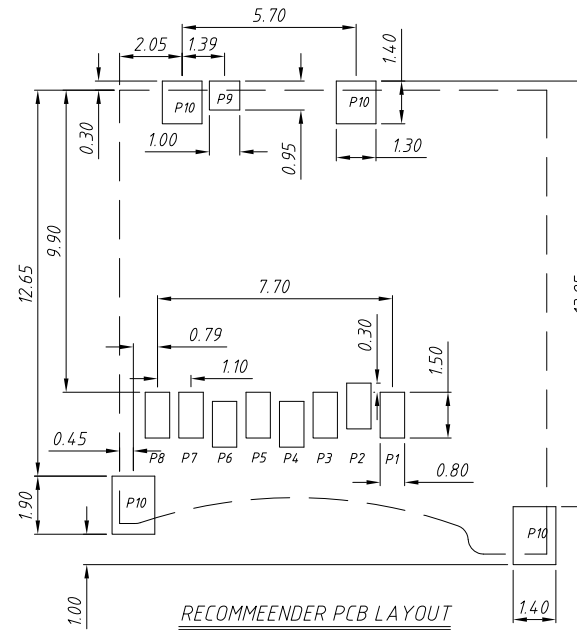
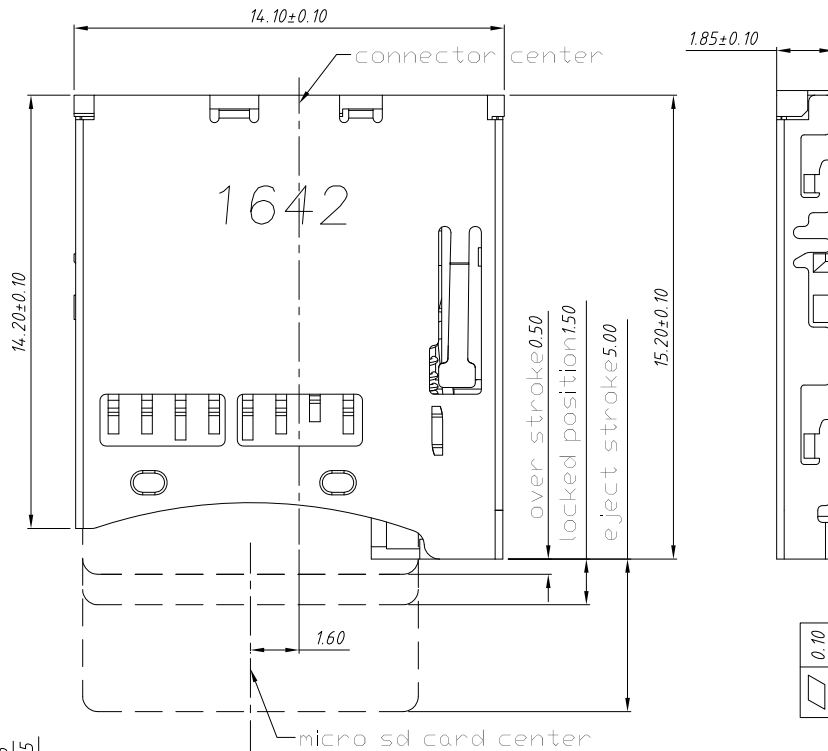
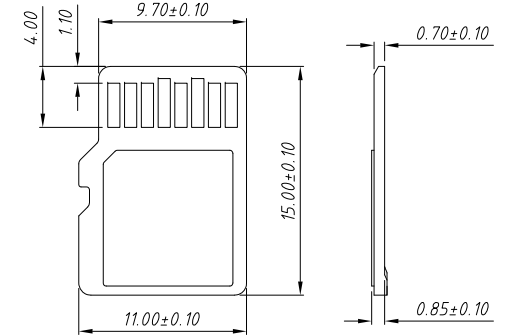
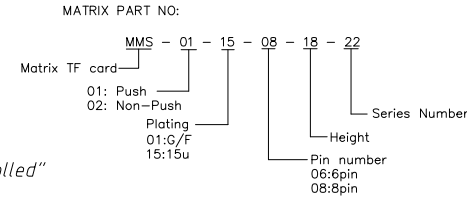
1.Housing:HI- Temp plastic UL 94V-0 Rated.

2.Contact:Copper Alloy.

3.Shell:Stainless steel

Can accord with management standards for
“environment-related substances to be controlled”

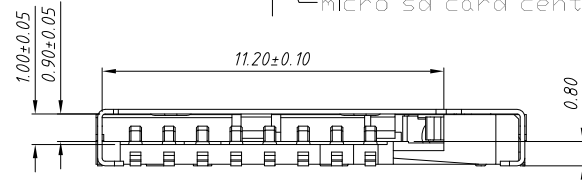
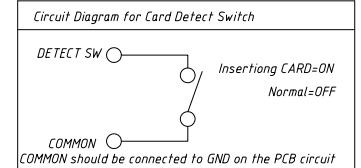
REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2016/10/14	Phebe Su
A1			Change PIN define	2016/12/13	Phebe Su



RECOMMEENDER PCB LAYOUT
TOLERANCE UNLESS OTHERWISE IS ±0.05



PIN NO.	discription
Pin 1	DAT2:Data line
Pin 2	CD/DAT3:card Detect/Data line
Pin 3	CMD:command/Response
Pin 4	VDD: Supply voltage
Pin 5	CLK:Clock
Pin 6	VSS:Supply voltage ground
Pin 7	DAT0:Data line
Pin 8	DAT1:Data line
Pin 9	Switch(Detect Pin)
Pin 10	GND



NO	VARIETY	QTY	METERIAL	REMARK
			Matrix Electronics Co.,Ltd	
TOLERANCE:		DESIGN BY :	DATE :	PART NAME:
X.X		Phebe Su	2016/12/13	TF card top push 1.85H
X.XX		CHECKED BY:	DATE :	PART NO.
X.XXX		Vicky Hsieh	2016/12/13	MMS-01-15-08-18-22
ANGLE: ±3°		APPROVED BY1:	DATE :	MOLD NO.
		Richard Hsieh	2016/12/13	NA
UNIT: mm [inch]		APPROVED BY2:	DATE :	DRAW NO.
SCALE:1:1 SIZE:A4		Richard Hsieh	2016/12/13	SHEET NO.
				1 OF 1