



PCB Layout(Pattern Side)

Memory Card Pin Assignment	DESCRIPTION		
Pin No.	NAME	TYPE	DESCRIPTION
1	DAT 2	I/O/PP	Date Line(bit2)
2	CD/DAT 3	I/O/PP	Card Detect/Date 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	Date Line(bit0)
8	DAT1	I/O/PP	Date Line(bit1)

Specification
Electrical Characteristics:
 Contact Current Rating: 0.5 Amperes.
 Dielectric Withstanding Voltage: AC500V r.m.s.
 Insulation Resistance: 1000 MΩ Minimum.
 Contact Resistance: 40 mΩ Maximum.
Environmental:
 Operating Temperature: -25°C~+85°C.
 Environmental:
 Mating Cycles: 10,000 Insertions.

③	Shell	—	1	SUS	Ni Plated	—
②	Contact	—	8	Phosphor Bronze	Ag Plated	—
①	Housing	—	1	LCP	Black	—
ITEM	PART NAME	TER'NO.	QTY.	MATERIAL	FINISHING	REMARK
APPROVALS		DATE				

DRAWN JKUNLU 2014/9/29
 TITLE: SD
 ELECTRONICS CO.,LTD

ECN NO.	REV.	DATE.	DESCRIPTION.	CHANGE.	CHECK.	APPRO.
	A		NEW			
APPROVALS		TOLERANCES ARE	30~12.5 ±0.30	10~30 ±0.25	5~10 ±0.20	~5 ±0.15
CHECKED		ANGLE	±2°	UNIT: mm	SCALE: 1:1	PROJ:
DRAWN		PART NO.	TF-04A	DRAWING NO.		SHEET 1 OF 1