

PJS008-4100 Series

microSD Card Connector One Action Eject Type

◆Features

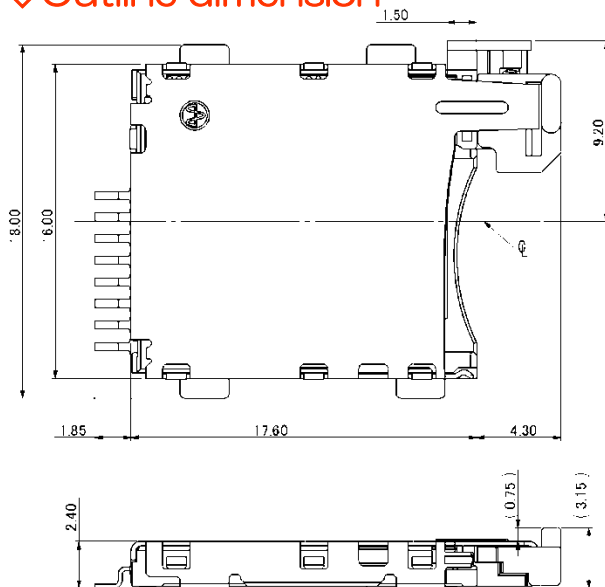
- Ejection method: One-action type.
 - Card ejection by operating card holding button at connector slot .
- Card holding mechanism with reaction force by coil springs.
 - To ensure firm holding not to cause card movement in a connector.
- 2-beam contact installation on all contact-terminals.
 - To ensure die-electric discontinuity prevention which may be caused by vibration and impact.
- Metal shell cover with 4 GNDs (Solder tubs).
 - To ensure EMI/ESD prevention performance .
- Insertion/extraction duration: 30 cycles.
 - Embedded use is recommendable.
(Yamaichi proposal as for NON-user interface use)



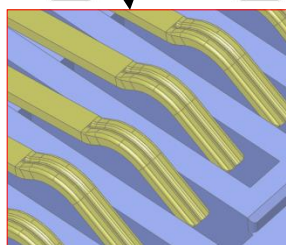
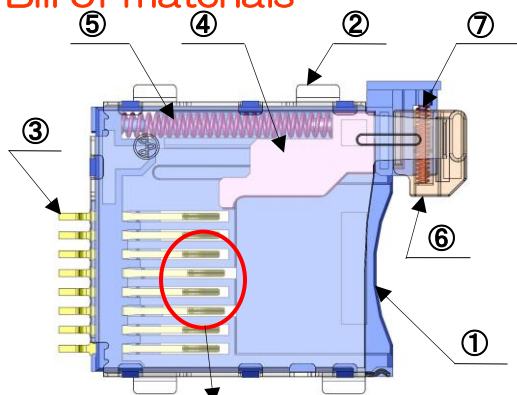
◆Product specifications

Current Rating	0.5A
Voltage Rating	DC 5V rms.
Insulation Resistance	At 500V Initial value : 1000MΩ
Withstanding voltage	AC500V rms. 1 min.
Contact Resistance	At 1mA/20mV Initial value : 100mΩ After test : 40mΩ max
Operating Temperature /Operating Humidity	-25°C to +85°C / '95%RH MAX.
Storage Temperature /Storage Humidity	-40°C to +85°C / '95%RH MAX.
Insertion/Extraction Wear Life	30 cycles (Cycles Rate : 400~600cycles/hour)

◆Outline dimension



◆Contact structure and Bill of materials



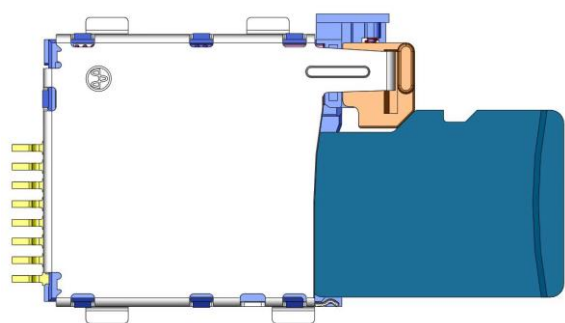
Contact structure

◆Packing Quantity

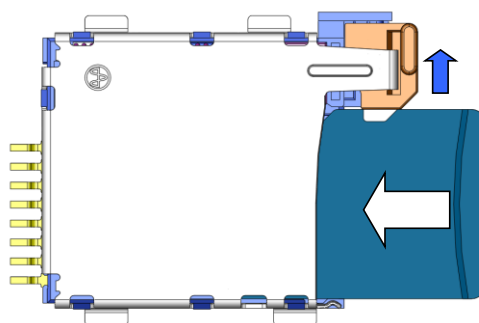
700pcs/Reel

ITEM	DESCRIPTION	QNT.	MATERIAL	CONTENT
7	Coil spring 2	1	SUS	---
6	Stopper	1	PA9T	Black(UL94V-0)
5	Coil spring 1	1	SUS	---
4	Ejector	1	PA9T	Black(UL94V-0)
3	Contact	8	PB	Ni-Au
2	Metal Shell Cover	1	SUS	Ni-Au
1	Insulator	1	LCP	Black(UL94V-0)

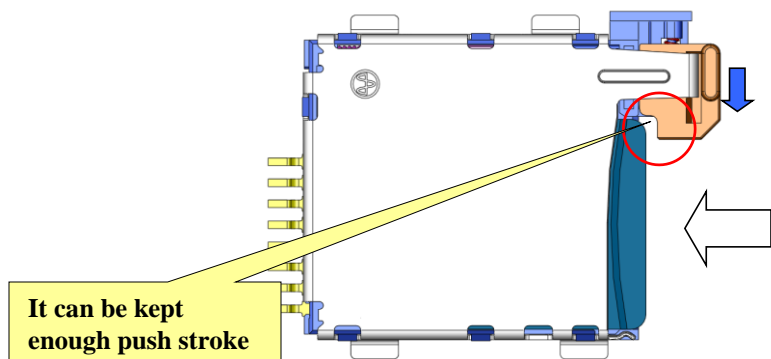
◇ Connector operation (card insertion)



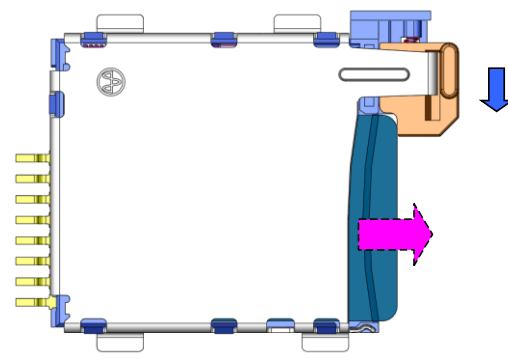
1) Card set position



2) Card insertion position

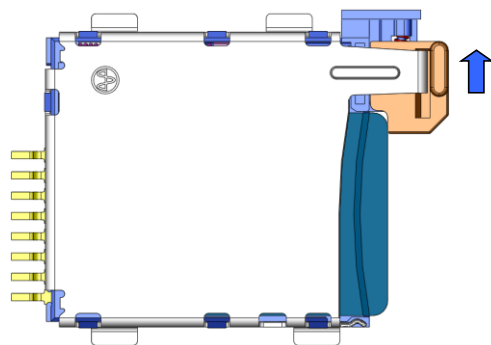


3) Card push position

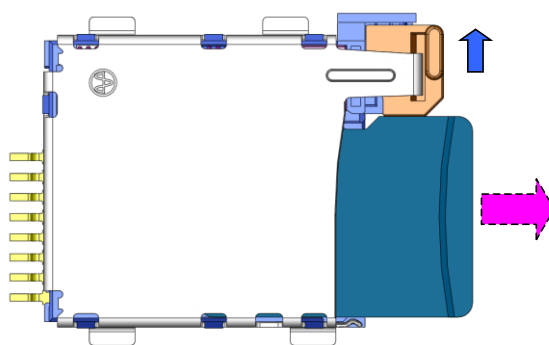


4) Card lock position

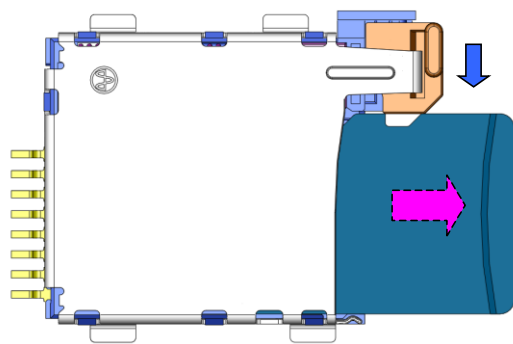
◇ Connector operation (card extraction)



1) Open card holding button



2) Extract to outside by coil spring



3) Card completely extracted