PJS008-2005 Series

Patented

microSD Card Connector 2 Point Contact Type

♦ FEATURES

- > Realized all 2-point contact for microSD card connector
 - Resonance point by vibration and shock is changed due to changing of each 2-point contact length then contact reliability is increased.
 - √ Improve self-cleaning function on connecting point.
- Smooth extraction function by push-in/push out of card
 - √Common parts for other automotive card connector.
- Low profile and minimized design (W 14.5mm X L 14.80mm X H 1.85mm)

> Reverse mount type.

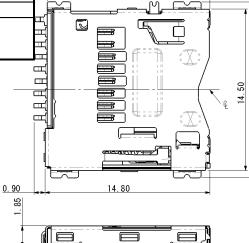
> With Card detection switch.

Product specifications

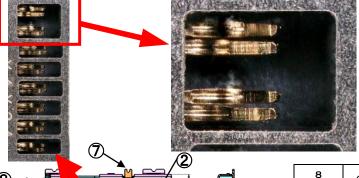
Current Rating	0.5A			
Voltage Rating	AC/DC 50Vrms.			
Insulation Resistance	Measured across adjacent contacts at 500VDC. Initial:100M Ω minmum /After test:100M Ω minimum			
Dielectric withstanding Voltage	Apply 500VACrms, For 1min No abnormalities, Arcing, or dielectric breakdown.			
Contact Resistance	With dummy card inserted. Apply 1mA, 20mV maxmum. Initial resistance: $100m\Omega$ maximum After test: Maximum increase is $40m\Omega$ from initial resistance.			
Operating Temper	-25deg.c~+85deg.c			
Insertion/ Extraction Wear Life	Office Environment : 10,000cycles Harsh Environment : 3,000cycles			
O				



Outline dimension 14.60



Contact structure and Bill of materials



(3) (3) (5) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	14.80(コネクタ長さ) 6	1
- 		

8	カート認識スイッチ2 (Card Detection Switch 2)	1	PB	Ni-Au Plating
7	カード認識スイッチ1 (Card Detection Switch 1)	1	PB	Ni-Au Plating
6	ロックピン (Lock Pin)	1	SUS	
5	コイルスプリング (Coil Spring)	1	SWP	Ni Plating
4	イジェクタ (Ejector)	1	PA9T	Black (UL94V-0)
з	コンタクト (Contact)	8	PB	Ni-Au Plating
2	メタルシェル (Metal Shell)	1	SUS	Ni-Au Plating
1	インシュレータ (Insulator)	1	LCP	Black (UL94V-0)
部品番号	部品名	個数	材質	記事
ITEM No.	Descriotion	Qty.	Material	Content

YAMAICHI ELECTRONICS Co.,LTD

Connector Solutions Division

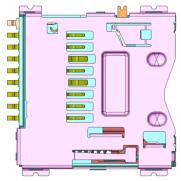
6F, Technoport Mitsui Semimei Bldg., 2-16-2,Minamikamata,Ota-ku,Tokyo 144-8566,Japan

URL: http://www.yamaichi.co.jp TEL:06-6396-6191 FAX:06-6396-6192 TEL:052-745-3818 FAX:052-732-8101 Osaka office Nagoya branch

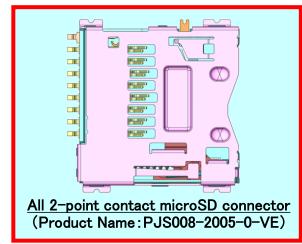
each series and change without prior notice, Since product improvement entails changes to electrical, material and mechanical properties, the purchasing party is strongly encouraged to inquire about the latest specifications before placing a purchase order. All other service, product and company names mentioned herein are the trademarks or registered trademarks of their respective owners.

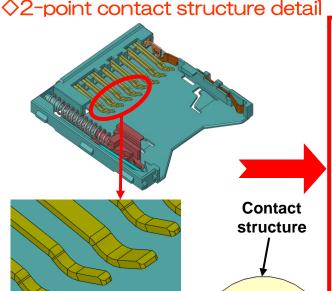
2015 Dec Rev.C Copyright (C) 2014 YAMAICHI ELECTRONICS CO., LTD.

♦ Realized all 2-point contact for microSD card connector.

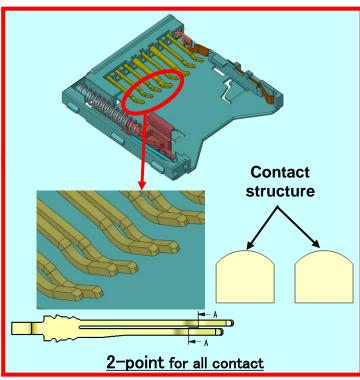


Current model of micro SD card (Product Name: PJS008-2004-0-VE)

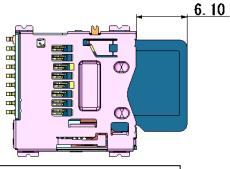




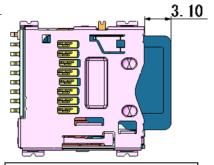
Current model of micro SD card



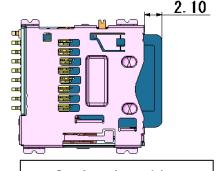
♦ Operating position (Card insertion)



Card eject position



Card lock position



Card push position

YAMAICHI ELECTRONICS Co.,LTD

Connector Solutions Division

6F, Technoport Mitsui Semimei Bldg., 2-16-2,Minamikamata,Ota-ku,Tokyo 144-8566,Japan

TEL: 03-6715-8944 FAX: 03-6715-9082

URL: http://www.yamaichi.co.jp

changes to electrical, material and mechanical properties, the purchasing party is strongly encouraged to inquire about the latest specifications before placing a purchase order. All other service, product and company names mentioned herein are the trademarks or registered trademarks of their respective owners.

2015 Dec Rev.C Copyright (C) 2014 YAMAICHI ELECTRONICS CO., LTD.

Specification in this document are reference values for representative products of

each series and change without prior notice, Since product improvement entails