SeriesSM / MS / SD / MMC / xD 5-in-1 Card Connector (Manual)

Specifications

Card Types

	SM	SD/MMC	MS	xD
Mating Cycles (times)	5000	10,000	12,000	10,000
Voltage Rating(AC Vrms)	50	250	125	5
Insulation Resistance	1000mΩ min at 500V (xD: at 250V)			
Contact Resistance	100mΩ at 1mA / 20 mV max.			
Current Rating:	0.5A			
Operating Temp. Range	-20°C to +60°C			

Materials and Finish

Insulator: PA
Contacts: Phosphor Bronze
Contact Area: Ni-Au

Part Number (Details)

FRS008 - 3100 - 0

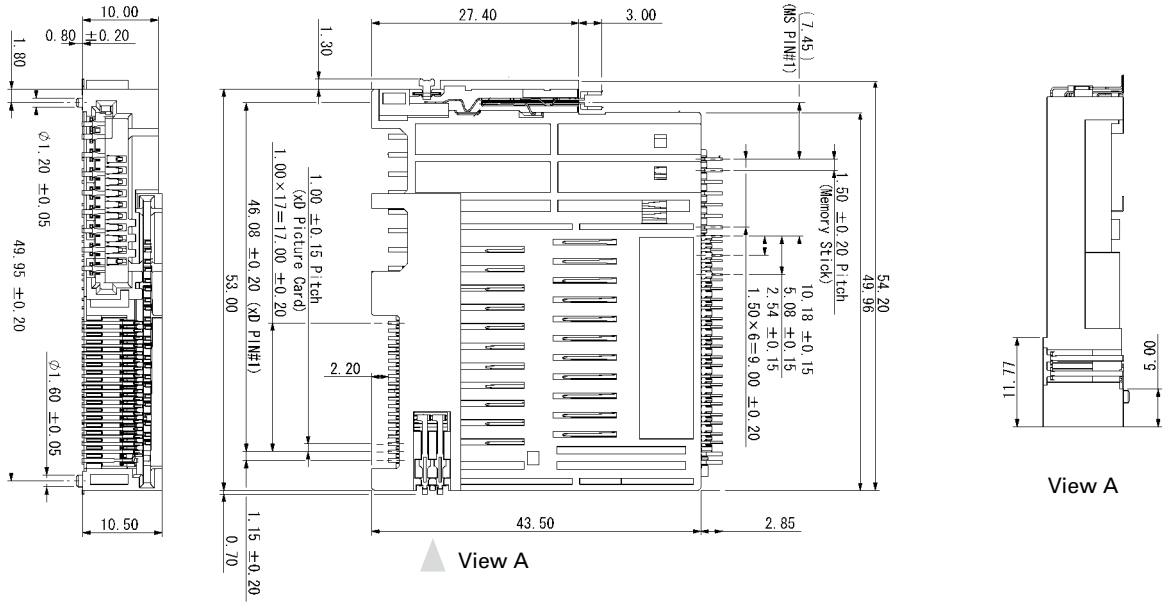
Series

Design Number

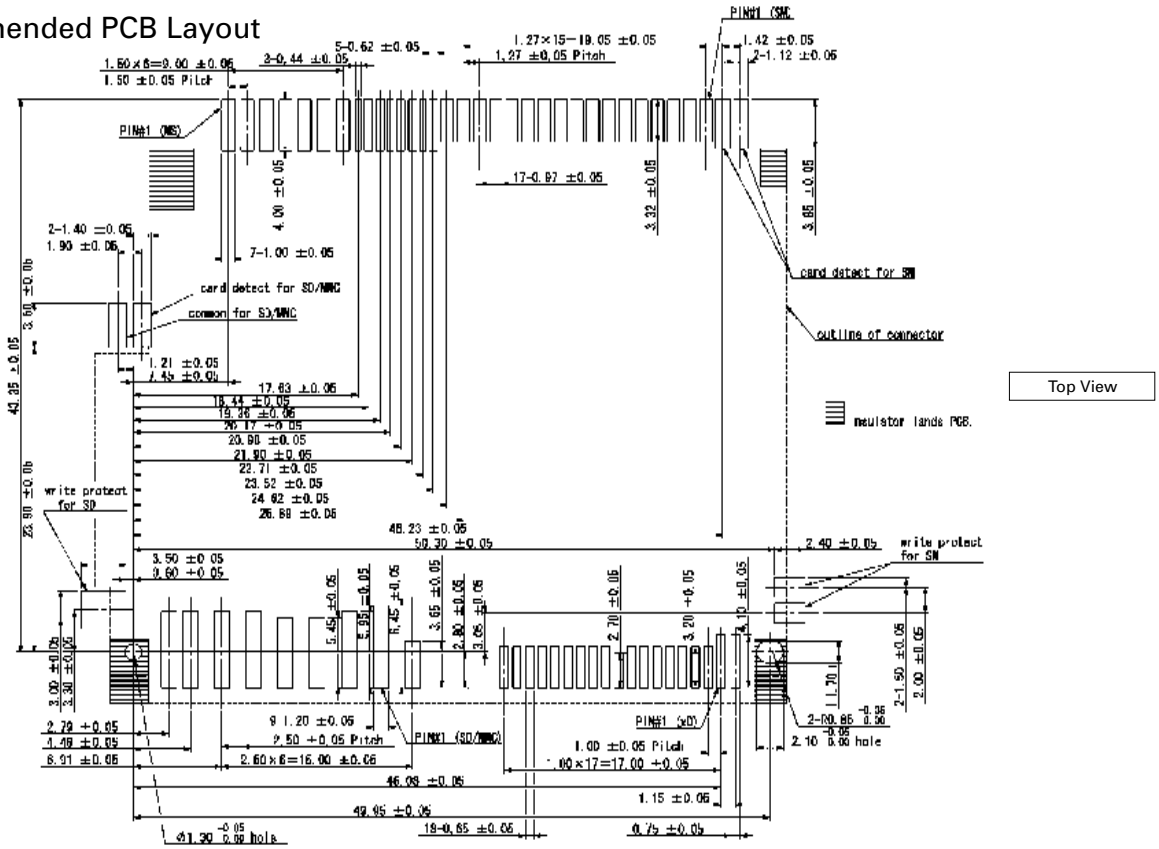
Features

- Five different card types (SM, MS, SD, MMC and xD) can be inserted individually
- Easy operation by manual insertion / extraction
- Card detection / Write protection switch
- Tray packaging
- xD picture card (licence required)

Outline Connector Dimensions



Recommended PCB Layout



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