



Card detection switch		Write protection switch			
When card is ejected	When card is inserted	When card is ejected	When card is inserted		
OPEN	CLOSE	OPEN	Write Protect	Write Enable	
Sb Sc	Sb Sc	Sa Sc	Sa Sc	Sa Sc	

PIN NO.	PIN ASSIGNMENT	PIN NO.	PIN ASSIGNMENT
1	DAT3/CS/CD	8	DAT1
2	CMD	9	DAT2
3	VSS1	Sa	WRITE PROTECTION
4	VDD	Sb	CARD PROTECTION
5	CLK	Sc	COMMON SWITCH
6	VSS2	G	GROUND
7	DAT0		

PART NAME	QTY	MATERIAL
BODY	1	LCP+35%GF
SLIDER	1	LCP+35%GF
CONTACT	1	C5191R-H
SWITCH A	1	C5191R-H
SWITCH C	1	C5191R-H
HOLD DOWN	1	C5191R-H
LATCH	1	SUS304R-3/4H
SHELL	1	SUS304R-3/4H
DRAG LINK	1	SUS
SPRING	1	PIANO WIRE

## SPECIFICATIONS:

MATERIAL:-

REFER TABLE

FINISH:-

CONTACT: 10u" GOLD

SOLDER TAIL: GOLD FLASH

ALL Ni UNDER PLATE

ELECTRICAL:-

CURRENT RATING: 0.5A/PIN

WORKING VOLTAGE: 100V AC/DC

VOLTAGE PROOF: 500V AC FOR 1 MINUTE

CONTACT RESISTANCE: 80 mΩ MAX.

INSULATION RESISTANCE: 1000 MΩ MIN.

ENVIRONMENTAL:-

TEMPERATURE RANGE: -25°C TO +90°C

NOTES: ALL DIMENSIONS AND NOTES  
MARKED \* ARE CRITICAL AND  
MUST BE CHECKED IN ACCORDANCE  
WITH QUALITY DOC. QI-02A

Allan	1	27.01.10	-
NAME	ISS.	DATE	C/NOTE
APPROVED:			
CHECKED:			
DRAWN: Allan			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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## TOLERANCES

X. = ±0.5mm  
X.X = ±0.25mm  
X.XX = ±0.20mm  
X.XXX = ±0.1mm

ANGLES = ±5°  
UNLESS STATED

## MATERIAL:

SEE NOTES

## FINISH:

SEE NOTES

## S/AREA:

mm<sup>2</sup>

## TITLE:

SD PUSH-PUSH CONNECTOR  
STAND-OFF 1.8mm

## DRAWING NUMBER:

M502-6900945

SHT  
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