



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	
<input type="radio"/> Sb <input type="radio"/> Sc	<input type="radio"/> Sb <input type="radio"/> Sc	<input type="radio"/> Sa <input type="radio"/> Sc	<input type="radio"/> Sa <input type="radio"/> Sc	<input type="radio"/> Sa <input type="radio"/> 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: <i>Alan</i>			
CHECKED: <i>Alan</i>			
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:

mm²

TITLE:

SD PUSH-PUSH CONNECTOR
STAND-OFF 1.8mm

DRAWING NUMBER:

M502-6900945

SHT
1
OF
1