

P.C.B Layout

NOTES:

1.MATERIAL

HOUSING:HIGH TEMPERATURE THERMOPLASTIC.
CONTACT:COPPER ALLOY
SHELL:GOPPER ALLOY

2.PLATING

CONTACT AREA:GOLD PLATED OVER NI
SOLDER TAIL:50~100µ*MIN Sn PLATED OVER NI
SHELL SOLDER AREA:GOLD PLATED OVER Ni

3.RATING

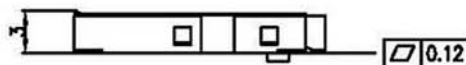
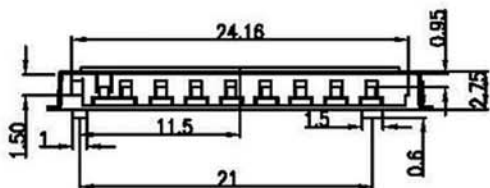
CURRENT RATING:0.5A
VOLTAGE RATING:250VRMS
OPERATING TEMPERATURE:-25°C~90°C

4.SPECIFICATION

CONTACT RESTISTANCE:40 MillioHMS
DIELECTRIC WITHSTANDING VOLTAGE:500VAC MegOHMS
INSULATION RESISTANCE:100 MegOHMS

SD CARD PIN DESIGN

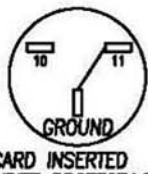
Pin No.	Name	Description
1#	CD/DAT3	Card detect/Data I/O
2#	CMD	Command
3#	VSS1	Ground
4#	VDD	Power
5#	CLK	Clock
6#	VSS2	Ground
7#	DAT0	Data I/O
8#	DAT1	Data I/O
9#	DAT2	Data I/O



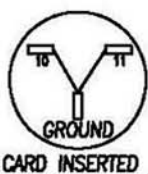
10-WRITE PROTECT PIN
11-CARD DETECT PIN
GROUND (SHELL)—COMMON PIN



WITHOUT CARD



CARD INSERTED
WRITE PROTECT:LOCK



CARD INSERTED
WRITE PROTECT:UNLOCK



TOLERANCE (mm)	APPROVALS	DATE	TITLE	AMPHENOL
X. ±0.3	DRAWN Stephane	2012/Aug/10	SD Card, SMT Type, 9Pin	Amphenol European Design Center
X.X ±0.2	CHECKED Rob	2012/Aug/10		
X.XX ±0.15	APPROVED Rob	2012/Aug/10		
UNLESS OTHERWISE SPECIFIED	UNIT: mm	SIZE: A4	DRAWING N°	TSD-701-001
				Scale N.A. Sheet 1 of 1
				REV. A