

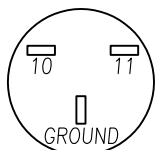
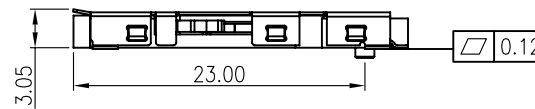
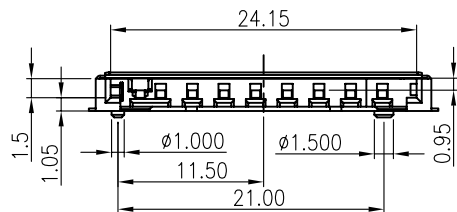
P.C.B Layout

SD CARD PIN DESIGN

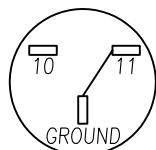
Pin No.	Name	Description
1#	CD/DAT3	Card detect/Data I/O
2#	CMD	Command
3#	VSS1	Ground
4#	VDD	Power
5#	CLK	Clock
6#	VSS2	Ground
7#	DAT0	Data I/O
8#	DAT1	Data I/O
9#	DAT2	Data I/O

NOTES:

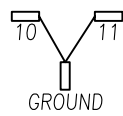
- MATERIAL
 - HOUSING: HIGH TEMPERATURE THERMOPLASTIC, COLOR-BEIGE.
 - CONTACT: COPPER ALLOY.
 - SHELL: COPPER ALLOY.
- PLATING
 - CONTACT AREA: GOLD FLASH PLATED OVER Ni.
 - SOLDER TAIL: 100 u" MIN Sn/Pb PLATED OVER Ni.
 - SHELL SOLDER AREA: GOLD PLATED OVER Ni.
- RATING
 - CURRENT RATING: 0.5A
 - VOLTAGE RATING: 250VRMS
 - OPERATING TEMPERATURE: -25°C~90°C
- SPECIFICATION
 - CONTACT RESISTANCE: 40 Milliohms
 - DIELECTRIC WITHSTANDING VOLTAGE: 500VAC Megohms
 - INSULATION RESISTANCE: 100 Megohms
 - INSERTION FORCE: 40N MAX.
 - SEPARATION FORCE: 2N MIN.
- UNSPECIFIED TOLERANCE: .XXX ±0.10
.XX ±0.25
.X ±0.38



WITHOUT CARD



CARD INSERTED
WRITE PROTCT:LOCK



CARD INSERTED
WRITE PROTECT:UNLOCK

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

X MULTIPLE		CONNECTING THE INFORMATION AGE	
XMULTIPLE ASIA 4F, No. 347, Yang Guang St., Neihu Chiu, Taipei, Taiwan 11475		XMULTIPLE USA 543 Country Club Drive #B 12B Simi Valley, CA 93065	
CUSTOMER/NO:		DWG NO:	
THIS DRAWING IS A CONTROLLED DOCUMENT.		XSDC-0-09M1-WG40-10	
TITLE: SECURE DIGITAL MEMORY CARD CONNECTOR, NORMAL TYPE		DRAWN: ANNIE	
PART NO: XSDC-0-09M1-WG40-10		CHKD: JEFF	
DIMENSIONS mm[inch]		SHEET 1 of 1	
REV 02		DATE: 20/12/04	