

P. C. B Layout

SD CARD PIN DESIGN

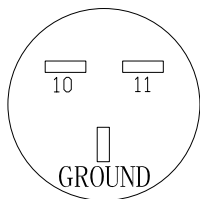
Pin No.	Name	Description
1#	CD/DAT3	Card detect/data I/O
2#	CMD	Command
3#	VSS1	Ground
4#	VDD	Power
5#	CLK	Clock
6#	VSS2	Ground
7#	DATO	Data I/O
8#	DAT1	Data I/O
9#	DAT2	Data I/O

铁壳: HYC12-SD11-275A

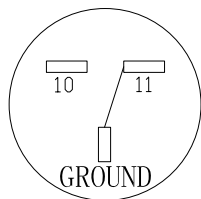
11--WRITE PROTECT PIN
10--CARD DETECT PIN
GROUND(SHELL)--COMMON PIN

NOTES:

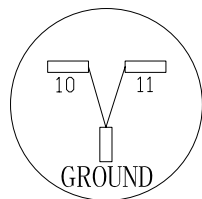
- MATERIAL
HOUSING:HIGH TEMPERATURE THERMOPLASTIC.
CONTACT:COPPER ALLOY
SHELL:COPPER ALLOY
- PLATING
CONTACT AREA:GOLD PLATED OVER NI
SOLDER TAIL: 30u"MIN Sn PLATED OVER Ni
SPEC SEE ORDERING INFORMATION
- RATING
CURRENT RATING:0.5A
VOLTAGE RATING:250VRMS
OPERATING TEMPERATURE:-25℃~90℃
- SPECIFICATION
CONTACT RESISTANCE:40 MillioHMS
DIELECTRIC WITHSTANDING VOLTAGE:500VAC MegOHMS
INSULATION RESISTANCE:100 MegOHMS
INSERTION FORCE:40N MAX
SEPARATION FORCE:2N MIN



WITHOUT CARD



CARD INSERTED
WRITE PROTCT:LOCK



CARD INSERTED
WRITE PROTECT:UNLOCK



深圳市华宇创精密电子有限公司

TOLERANCE: X.X ±0.30 X.XX ±0.25 X.XXX ±0.15 X.' ±2' X.X' ±0.5'	DRAWN BY : 陈一鸣	DATE : 2014-02-23	PART NAME: SD NO PUSH 长卡座
	CHECKED BY: 马跃	DATE : 2014-02-23	PART NO. HYC12-SD11-275 MOLD NO.
UNIT: mm [inch]	APPROVED BY: 邱国夷	DATE : 2014-02-23	DRAW NO: HYC-SD13090901 SHEET NO. 1 OF 1
SCALE: 1:1	SIZE: A4		