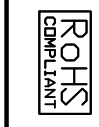


RECOMMENDED PCB LAYOUT

| PIN NO. | PIN ASSIGNMENT | PIN NO. | PIN ASSIGNMENT |
|---------|----------------|---------|------------------|
| 1 | DATA3/CS/CD | 8 | DATA1 |
| 2 | CMD | 9 | DATA2 |
| 3 | VSSI | Wp | WRITE PROTECTION |
| 4 | VDD | Cd | CARD DETECTION |
| 5 | CLK | Sc | COMMON PIN |
| 6 | VSS2 | G | SHIELD / GROUND |
| 7 | DATA0 | | |

| When card is ejected | When card is inserted | When card is ejected | When card is inserted |
|-----------------------|-----------------------|-------------------------|-------------------------|
| Card detection switch | Card detection switch | Write protection switch | Write protection switch |
| Is ejected | Is inserted | Is ejected | Is inserted |
| OPEN | CLOSE | OPEN | CLOSE |
| Sc | Sc | Wp | Wp |

SPECIFICATIONS:
 Material: Insulator: LCP, glass reinforced, rated UL 94V-0
 Insulator color: Black
 Contacts: Phosphor Bronze
 Shell: Stainless Steel
Plating:
 Gold over Nickel underplate on contact area,
 Tin over Copper underplate on SMT tails
Electrical:
 Operating voltage: 3.3 VAC max
 Current rating: 0.5 Amps max
 Contact resistance: 40 mohms max.
 Insulation resistance: 1000 Mohms min
 Dielectric withstanding voltage: 250 VAC for 1 minute
Temperature Rating:
 Operating temperature: -20°C to +60°C
 Environmental:
 Lead free, RoHS compliant.
 Recommended soldering temp: 260°C for 5 sec.



ADAM TECH

909 Rahway Avenue, Union, NJ 07083
 Phone: 908-687-5000 Fax: 908-687-5710

TITLE: SECURE DIGITAL SOCKET, PUSH-PUSH
 CARD LOCK TYPE

| | | | |
|---|------------|--------------|--------|
| UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM] TOLERANCES: EXCEPT AS NOTED | INCHES | HOLES | |
| .X | ± .10 | Ø.X | ± .10 |
| .XX | ± .020 | Ø.XX | ± .015 |
| .XXX | ± .015 | Ø.XXX | ± .010 |
| APPROVALS | DATE | | |
| DRAWN | DY | 9/15/10 | |
| CHECKED | | | |
| APPROVED | | | |
| SIZE | PART NO. | REV. | |
| X | SDP-09C-SG | | |
| REF: S0009T | SCALE: NTS | SHEET 1 OF 1 | |