



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.

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
Is ejection switch OPEN	Is insertion switch CLOSE	Is ejection switch OPEN	Is insertion switch CLOSE
Is ejection switch OPEN	Is insertion switch CLOSE	Is ejection switch OPEN	Is insertion switch CLOSE
Is ejection switch OPEN	Is insertion switch CLOSE	Is ejection switch OPEN	Is insertion switch CLOSE

UNLESS OTHERWISE SPECIFIED
 ALL DIMENSIONS ARE IN INCHES [MM]
 TOLERANCES: EXCEPT AS NOTED
 INCHES: .X ± .10, .XX ± .020, .XXX ± .015, .XXX ± .015
 HOLES: ØX ± .10, ØXXX ± .015

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

SIZE: PART NO. SDP-09C-SG

SCALE: NTS SHEET 1 OF 1

APPROVED: _____ DATE: 9/15/10

CHECKED: _____

DRAWN: DY

APPROVALS: _____

REV.:

