

Secure Digital Connector

Surface Mount, Normal Polarization, Push Push Ejection



- Easy of inserting and extracting of card by Push-Push action
- Preventive mechanism for mis-insertion
- Metal shielded casing
- Low profile, light weight and small size
- High mating cycle of 10,000 times
- Card detection indicator
- Write protect switch indicator
- Dual-usage (for SD and MMC cards)

Date Modified: September 9, 2003

APTS-0012-0R
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Physical

Insulation

Material: High Temperature Thermoplastic
Flammability: UL 94V-0
Color: Black

Contact

Material: Copper Alloy
Plating: Underplate: 50 μ " [1.27 μ m] Nickel
Wiping Area: 10 μ " [0.25 μ m] Gold
Solder Tails: 100 μ " [2.54 μ m] 90/10 Tin Lead

Cover

Material: Stainless Steel
Plating: 10 μ " [0.25 μ m] Gold over Nickel on solder peg area

Spring

Material: SWP
Plating: 3 μ " [0.08 μ m] Nickel

Link

Material: Stainless Steel

Electrical

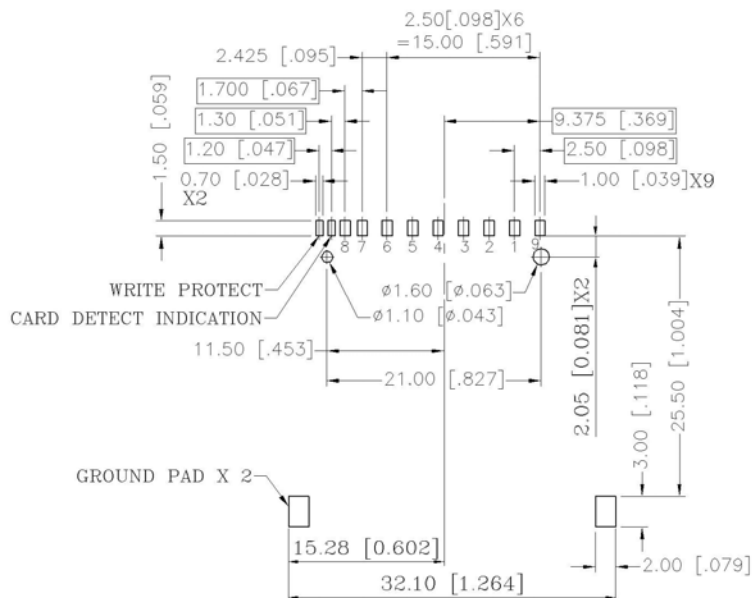
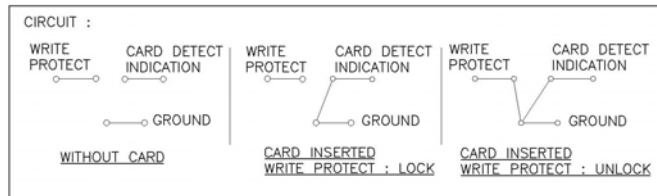
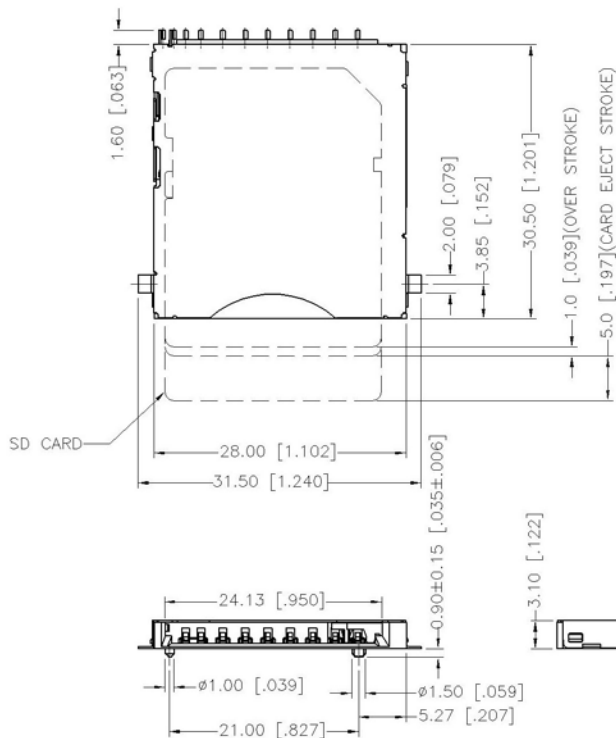
Current Rating: 0.5A
Voltage Rating: 5Vac rms
Insulation Resistance: 1000M Ω minimum
Withstanding Voltage: 500Vac rms at Sea Level

Environmental

Operating Temperature: -25 $^{\circ}$ C to +90 $^{\circ}$ C
Storage Temperature: -40 $^{\circ}$ C to +90 $^{\circ}$ C

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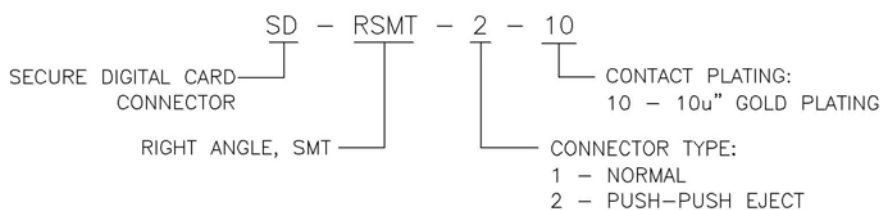


RECOMMENDED P.C.B LAYOUT

mm
(Inch)

Tolerance Unless Noted			
	.0	.00	.000
mm	±0.38 (N.A.)	±0.25 (±0.015)	N.A. (±0.010)

Ordering Information



APTS-0012-OR
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