

MEMORY SOCKETS

MEMORY STICK, SMART MEDIA,
COMPACT FLASH
SECURE DIGITAL & PCMCIA

INTRODUCTION:

Adam Tech's Memory Connector series is a complete range of memory sockets for most memory card applications including Compact Flash, PCMCIA, Memory Stick and Secure Digital. Our advanced designs are focused on their ease of use, mating accuracy, card retention and cycle life. Precision engineered, extremely durable mating contacts and PCB leads contribute to a solid, high reliability, long life design.

FEATURES:

Multitude of sockets to satisfy most applications
Precision, compact designs
Fine pitched, heavy duty contacts
Sockets conform to CFA, JEIDA, PCMCIA & JEDEC

MATING OPTIONS:

All industry standard memory cards

SPECIFICATIONS:

Material:

Insulator: PA9 or LCP, glass reinforced, rated UL94V-0
Contacts: Phosphor Bronze
Frame / shield: Brass, nickel plated

Contact Plating:

Gold over nickel underplate on contact area, tin over copper underplate on tails.

Electrical:

Operation voltage: 250V AC max.
Current rating: 0.5 and 1 Amps max.
Contact resistance: 40 mΩ max. initial
Insulation resistance: 1000 MΩ min.
Dielectric withstanding voltage: 1000V AC for 1 minute

Mechanical:

Mating durability: 10,000 cycles min.

Temperature Rating:

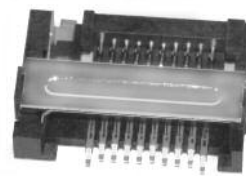
Operating temperature: -20°C to +85°C

PACKAGING:

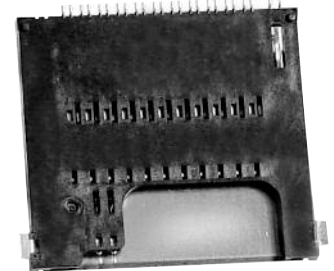
Anti-ESD plastic trays

SAFETY AGENCY APPROVALS:

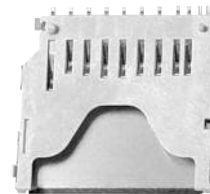
UL Recognized File No. E224053
CSA Certified File No. LR1578596



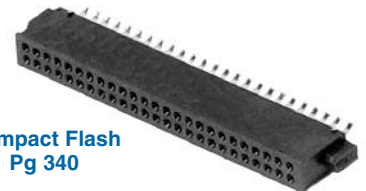
Memory Stick
Pg 337



Smart Media
Pg 337



Secure Digital
Pg 338



Compact Flash
Pg 340



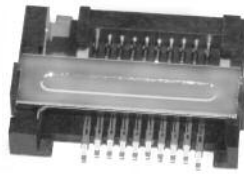
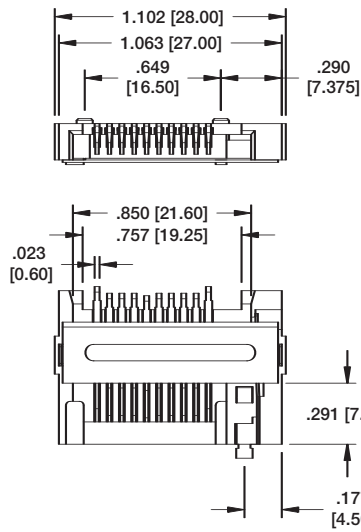
Compact Flash
Pg 341-342



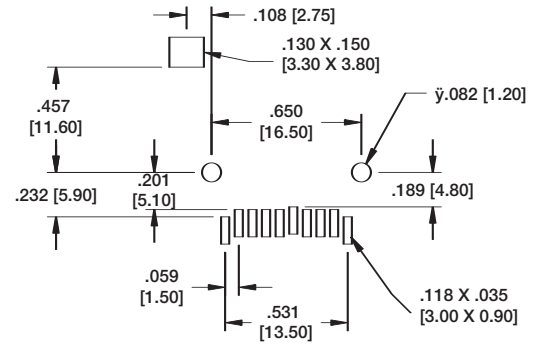
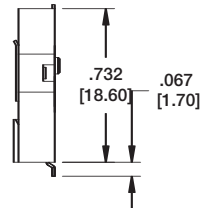
OPTIONS:

Add designator(s) to end of part number
30 = 30 μm gold plating in contact area

MEMORY STICK

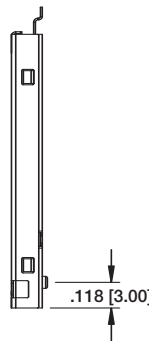
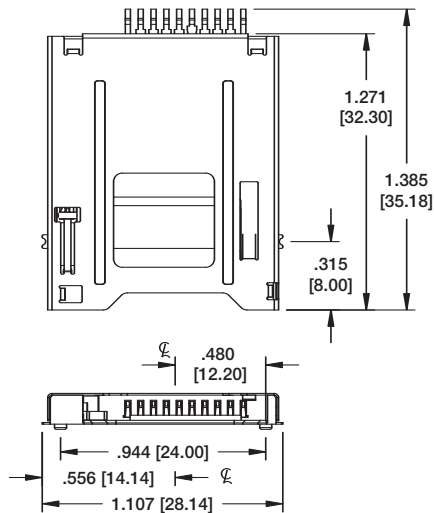


MS-10-A-SG



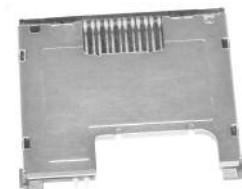
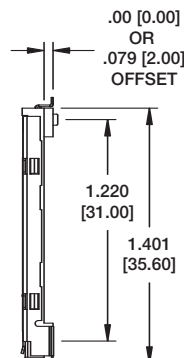
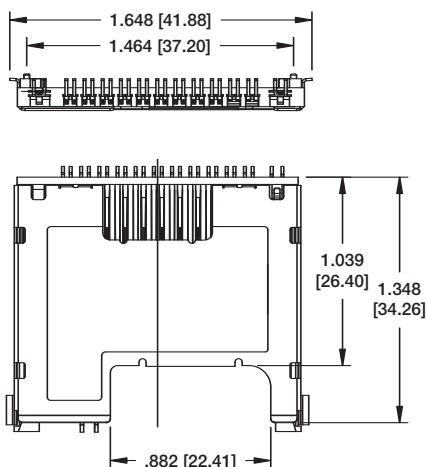
Recommended PCB Layout

MEMORY STICK PUSH PUSH TYPE



MSP-10-A-SG

SMART MEDIA SOCKET



SME-22-A-0 (Normal Type)
SME-22-A-1 (Normal Type with 2.0mm Standoff)