

## 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:

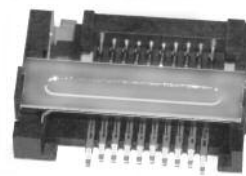
Operating temperature: -20°C to +85°C

### PACKAGING:

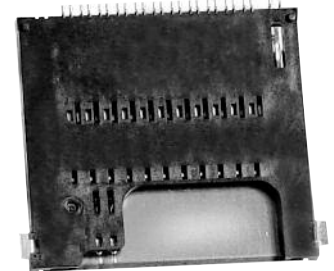
Anti-ESD plastic trays

### SAFETY AGENCY APPROVALS:

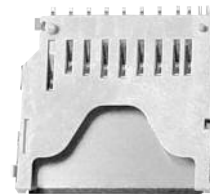
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CSA Certified File No. LR1578596



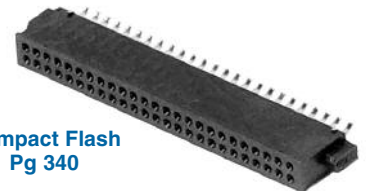
Memory Stick  
Pg 337



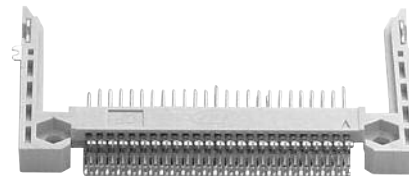
Smart Media  
Pg 337



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