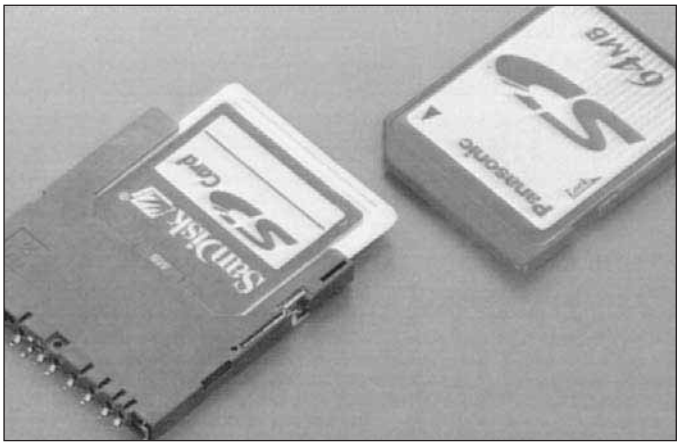
Secure Digital Memory Card Connectors

Features/Benefits

SERIES 5638

SD (Secure Digital) Memory Card technology is emerging as the next industry standard for removable flash memory and input/output devices. AVX has developed a complete range of top and bottom mount connectors with and without ejector features for such applications as MP3 Players, PDAs, Cellular Phones, Digital Cameras, Digital Camcorder, etc.



FEATURES

- Conforms to SDA (Secure Digital Association) requirements
- Low profile 2.9mm height
- Integral guide rails
- Location boss's and solder tabs
- Normal and reverse keying
- Card detection feature
- Accepts both SD and Multimedia Cards
- Tape and reel packaging
- Mating cycles 10,000

ELECTRICAL CHARACTERISTICS

Current Rating:	0.5A
Voltage Rating:	5V
Insulation Resistance:	1000MΩ min.
Contact Resistance:	40mΩ max.
DW Voltage:	AC 500V

CLIMATIC CHARACTERISTICS

Operating Temperature: -25ºC to +90ºC

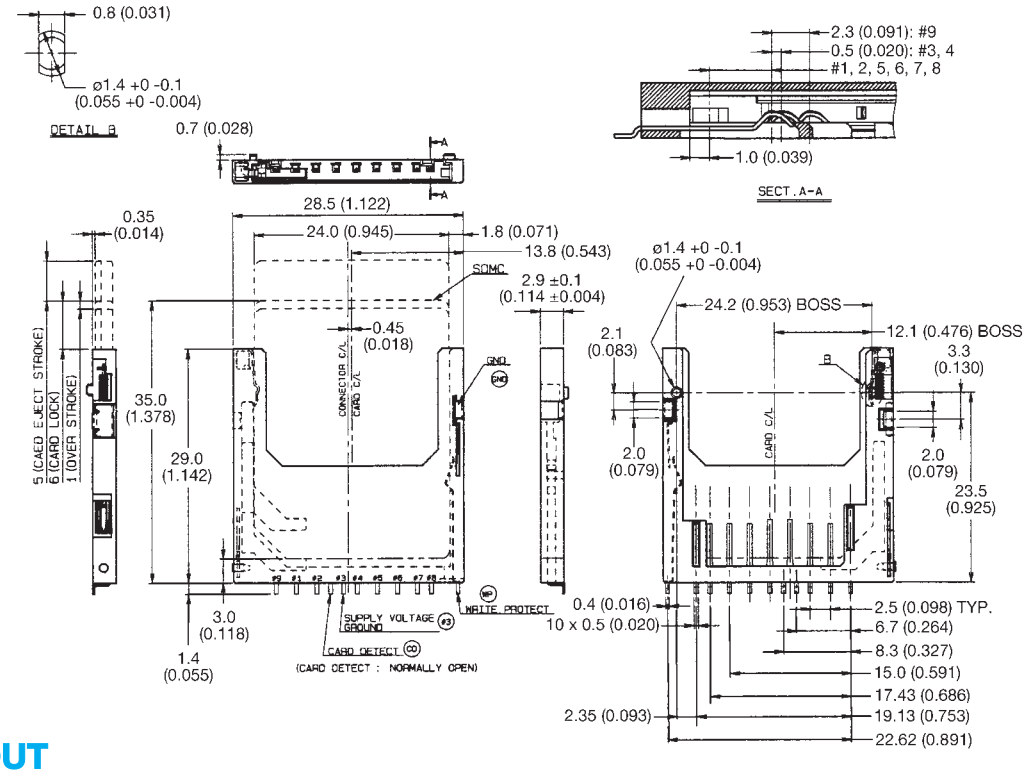
PRODUCT SELECTION GUIDE

Keying	PCB Mounting	Height	Ejector Style	How To Order	Page
Normal	Top	2.9mm	Push/Push Ejector	**14 5638 009 511 862**	39
Reverse	Bottom	2.9mm	Push/Push Ejector	**14 5638 109 511 862**	40
Normal	Top	2.9mm	Without Ejector	**14 5638 009 211 862**	41
Reverse	Bottom	2.9mm	Without Ejector	**14 5638 109 211 862**	42

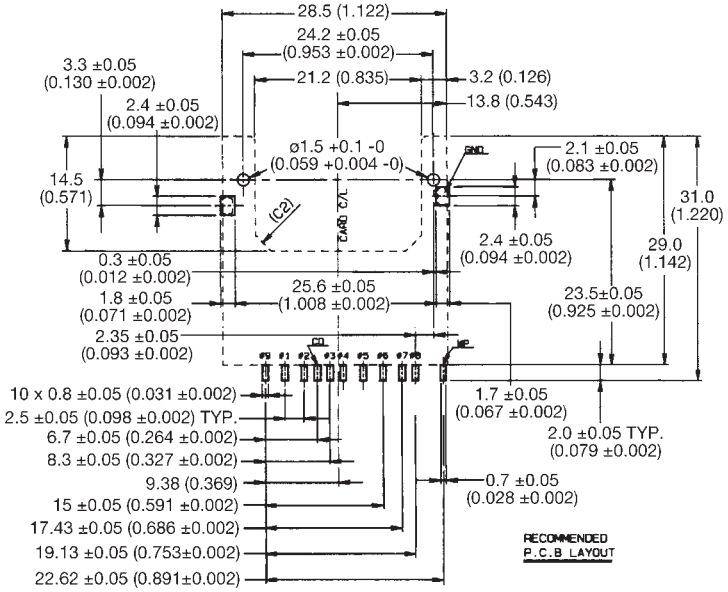
Secure Digital Memory Card Connectors

Series 5638 Spring Eject Type

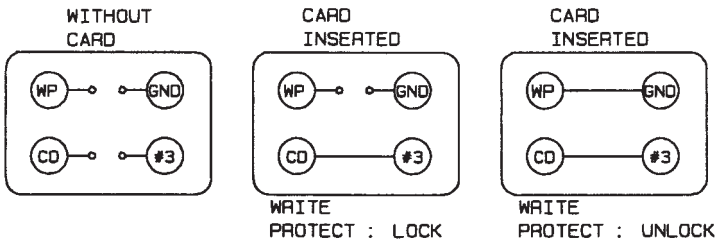
NORMAL



PCB LAYOUT



CIRCUIT



HOW TO ORDER

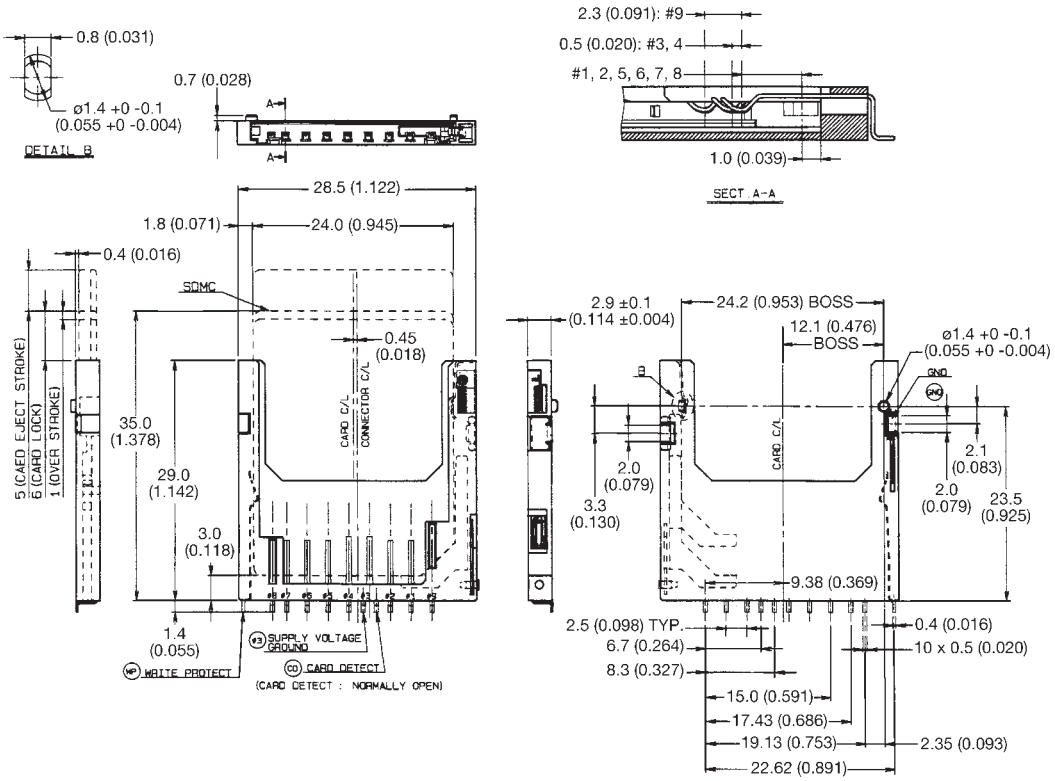
14 5638 009 511 862

250 pieces per Tape and Reel

Secure Digital Memory Card Connectors

Series 5638 Spring Eject Type

REVERSE



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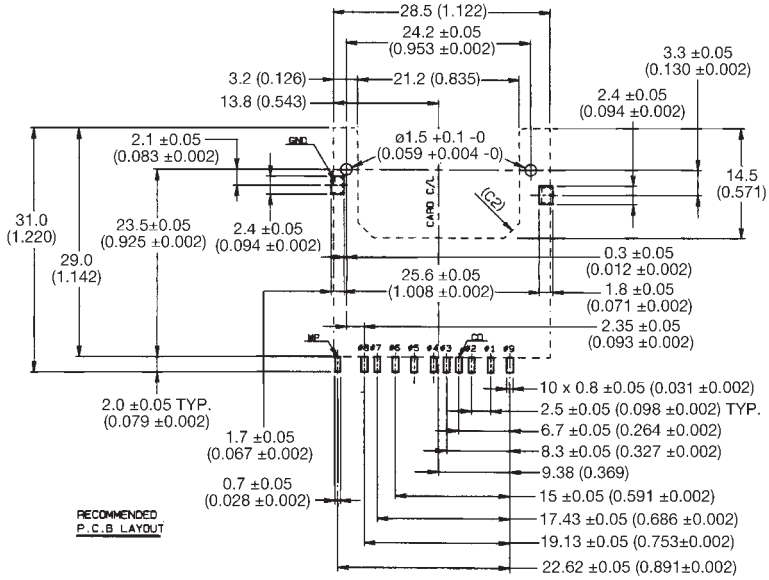

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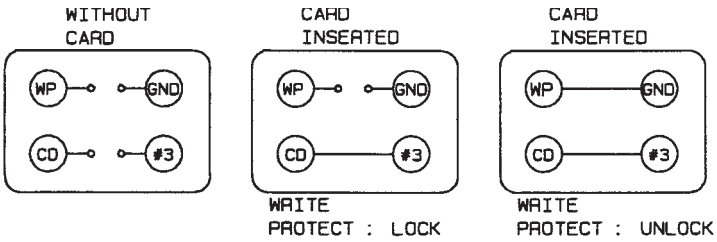


HOW TO ORDER

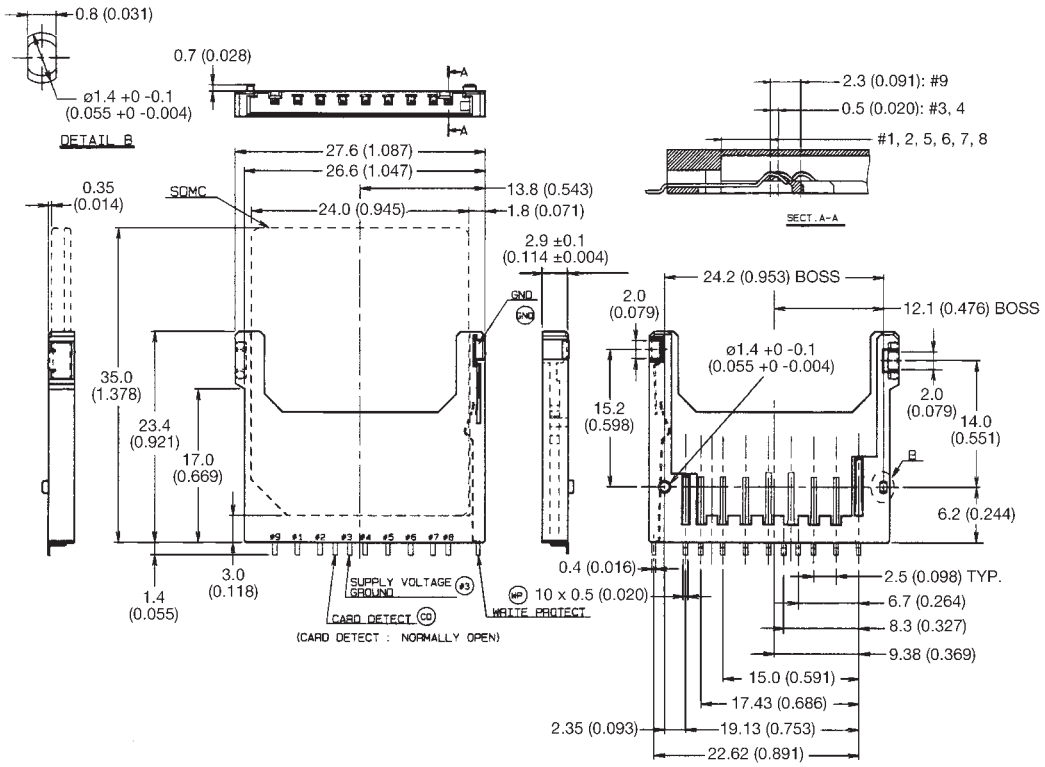
14 5638 109 511 862

250 pieces per Tape and Reel

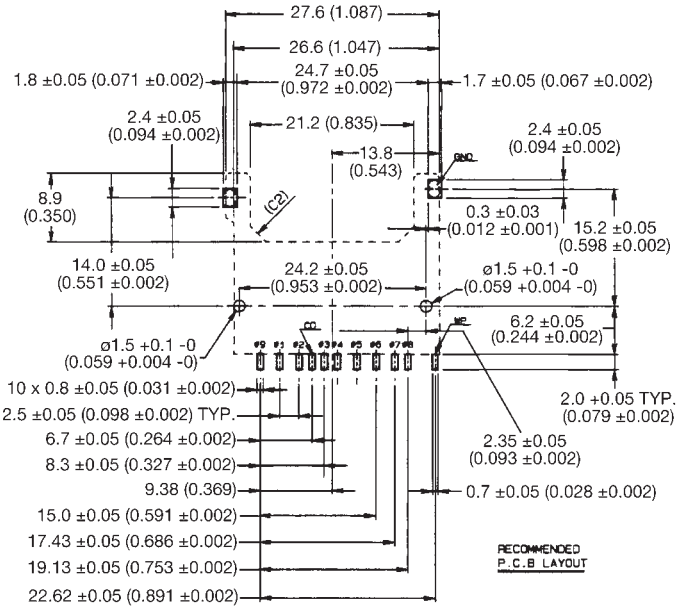
Secure Digital Memory Card Connectors

Series 5638 Without Eject Type

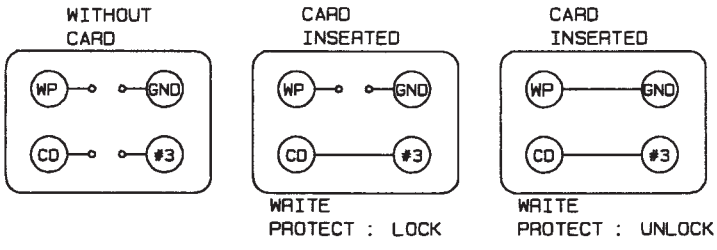
NORMAL



PCB LAYOUT



CIRCUIT



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Secure Digital Memory Card Connectors

Series 5638 Without Eject Type

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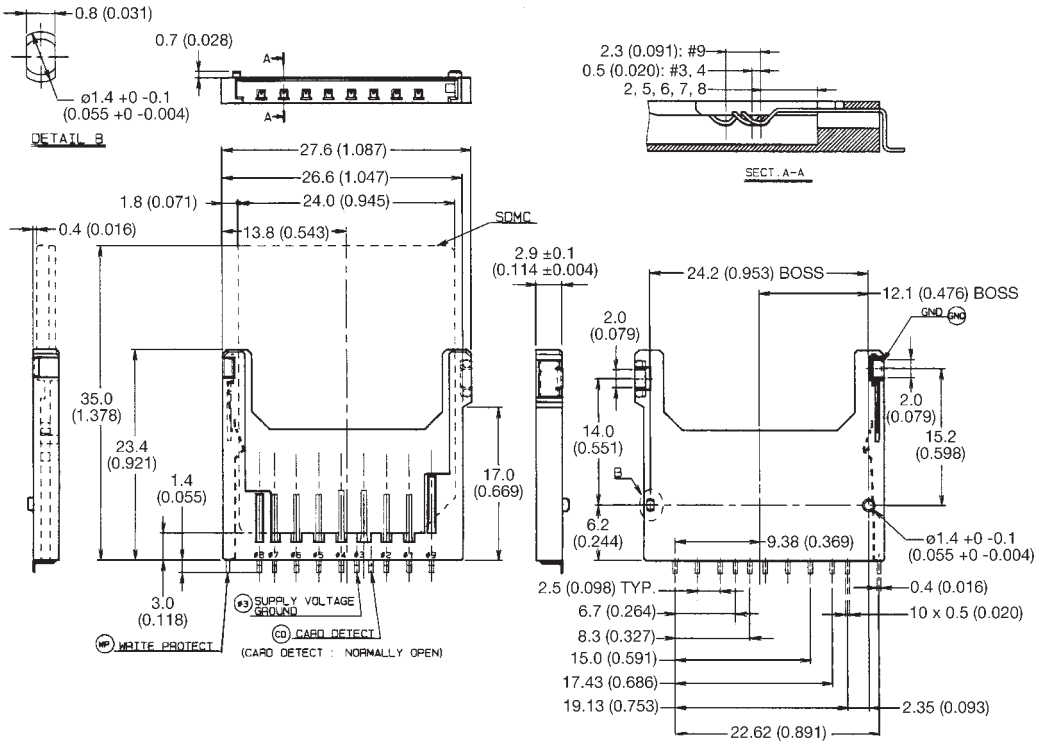

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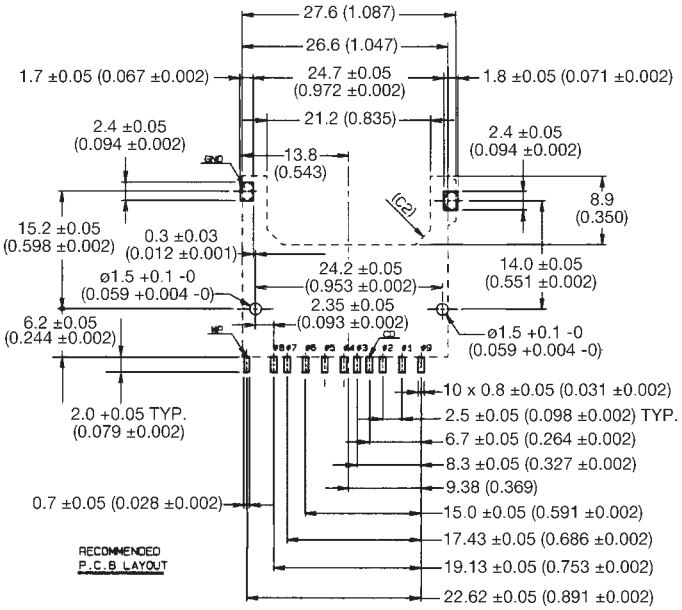

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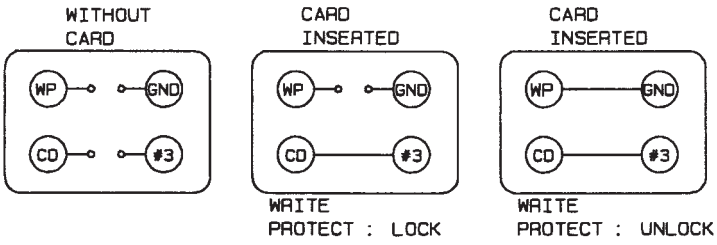

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