



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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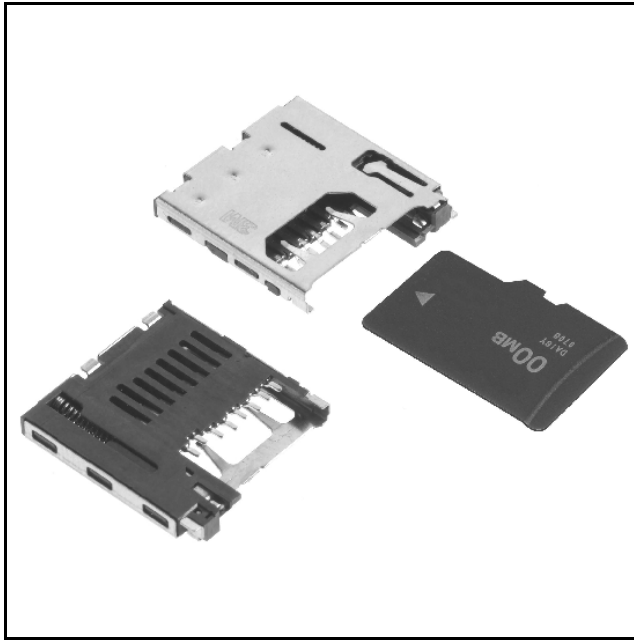
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



3M™ Card Connector microSD™

Normal Polarization, Push-Push, Surfacemount

2900 Series



- 1.85 mm low profile height
- Small size of 14.0 mm × 14.2 mm footprint
- Smooth push-push eject mechanism
- Card is retained when mated
- Card polarization
- Will accept a card thickness of 0.8 mm
- Mechanism prevents card from flying out upon ejection
- Card detection indicator
- Metal-shielded cover
- microSD™ specification compliant
- RoHS* compliant

Date Modified: October 31, 2006

TS-2197-02
Sheet 1 of 3

Physical

Insulation Material: High Temperature Thermoplastic

Flammability: UL 94V-0

Color: Black

Contact Material: Copper Alloy

Plating

Underplating: 50 μ" [1.27 μm] min. Nickel

Wiping Area: 15 μ" [0.38 μm] min. Gold

Termination Area: 3 μ" [0.076 μm] max. Gold flash

Cover Material: Stainless Steel

Underplating: 40 μ" [1.02 μm] min. Nickel

Solder Area: Gold flash

Lock Pin and Link Pin Material: Stainless Steel

Spring Material: Copper Alloy

Plating: 30 μ" [0.762 μm] min. Nickel

Marking: 3M Logo

Electrical

Current Rating: 0.5 A

Insulation Resistance: 100 MΩ min.

Withstanding Voltage: 500 VAC for one minute

Environmental

Operating Temperature: -25°C to +85°C

Storage Temperature: -40°C to +85°C

Process Rating: Maximum 250°C, with 40 seconds over 230°C

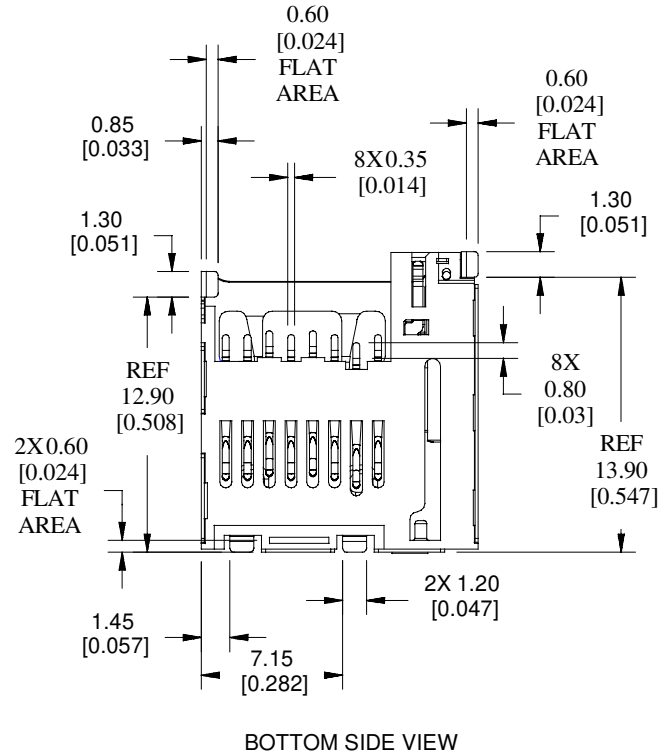
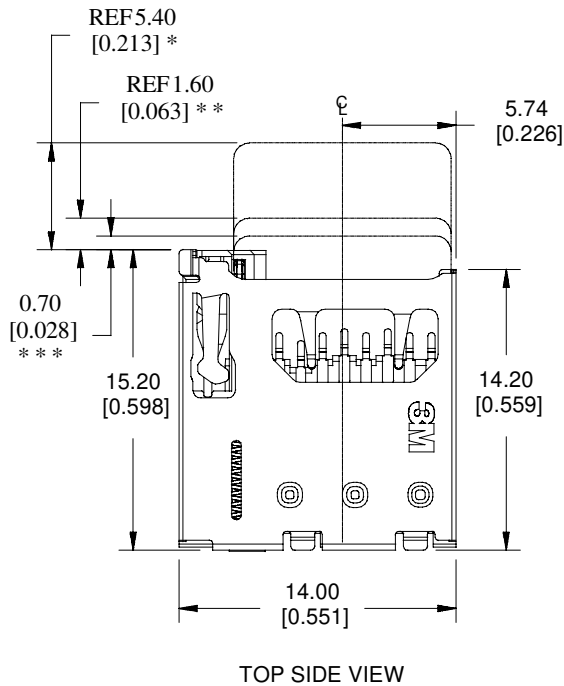
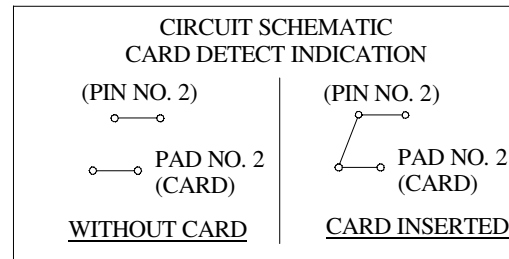
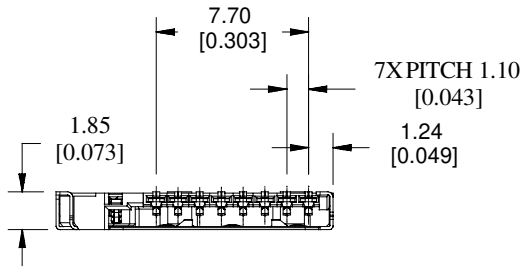
RoHS compliant means that the product or part does not contain any of the following substances in excess of the following maximum concentration values in any homogeneous material, unless the substance is in an application that is exempt under RoHS: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers; or (b) 0.01% (by weight) for cadmium. Unless otherwise stated by 3M in writing, this information represents 3M's knowledge and belief based upon information provided by third party suppliers to 3M.

microSD is a trademark of SD Association in Japan.

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mm
[Inch]

Tolerance Unless Noted			
	.0	.00	.000
mm	±.25	±.15	±.05

[] Dimensions for Reference Only

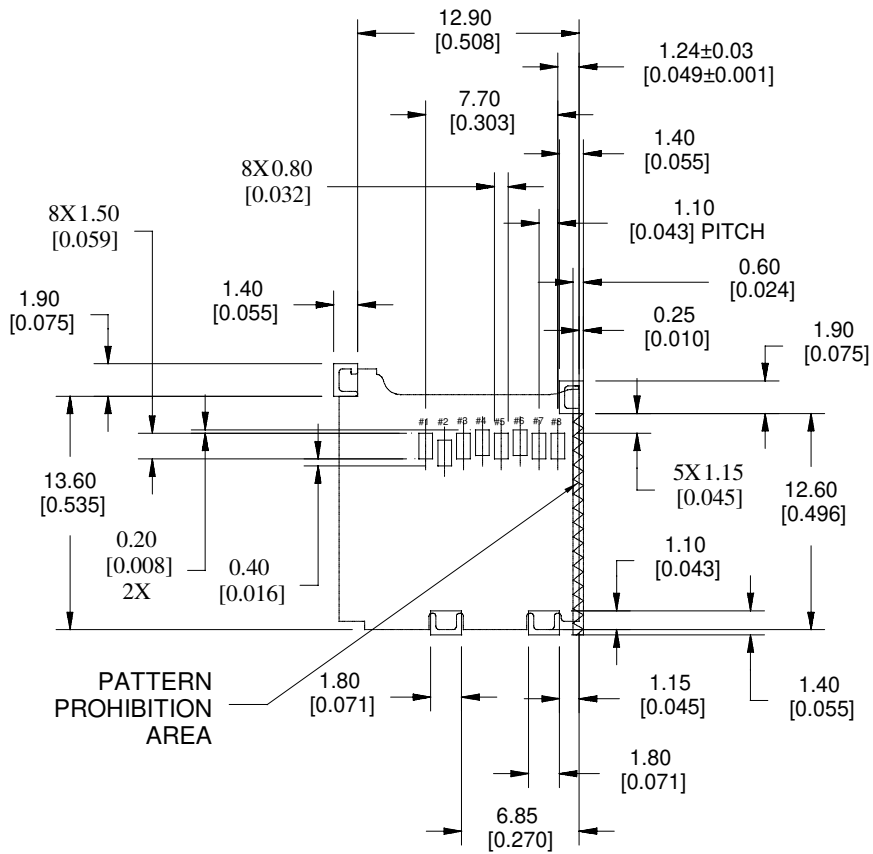
Notes:

- * Card fully ejected position
- ** Card in locked position
- *** Card fully pushed in

3M™ Card Connector microSD™

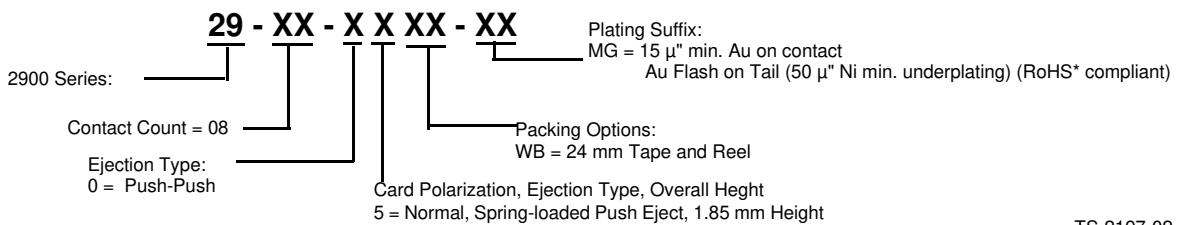
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2900 Series



RECOMMENDED
PCB PATTERN LAYOUT ± 0.05 [0.002]

Ordering Information



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Post-Consumer Fiber

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