

## INTRODUCTION

Molex's newest microSD card connectors include anti card-sticking features to help ensure smooth and consistent card ejection.

Our new 502570 version replaces our previous 502037 series, and includes a modification to the shell design to help prevent card sticking. Our 502774 series replaces our 502107 series, and includes modifications to both the housing and shell that help provide smooth card eject speed without sticking.

All other dimensions and features of these connectors, including anti card fly-out features, remain the same as the initial products, while providing customers greater assurance of smooth card ejection.



## microSD Card Connectors Push-Push, with Anti Card Fly-Out & Anti-Sticking Features

**502570 Normal Mount**  
**502774 Reverse Mount**

### Specifications:

- Current: 0.5A
- Voltage: 10V
- Contact Plating: Gold
- Contact Resistance: 100 milliohms max.
- Insulation Resistance: 1000 megohms min.
- Dielectric Strength: 500V AC
- Flammability: UL 94V-0

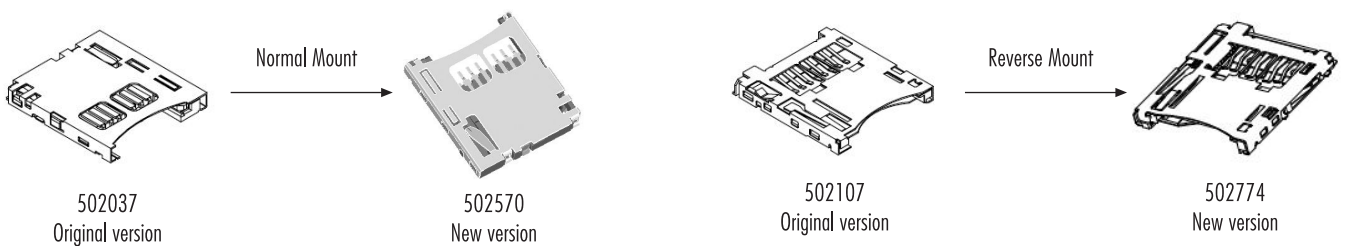
### Features

### Benefits

- |   |  |
|---|--|
| • Card ejection support features on housing and shell | • Prevent card fly-out and card sticking         |
| • Inner housing rib wall                              | • Protects terminal tips during card insertion   |
| • Reliable detect switch                              | • Assures card detection                         |
| • Smoothly beveled terminal                           | • Prevents terminal damage when card is inserted |
| • Card polarization feature                           | • Prevents card from being improperly inserted   |



### New Versions with Anti Card-Sticking Features



## MARKETS AND APPLICATIONS

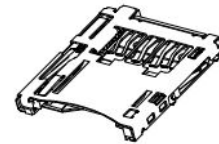
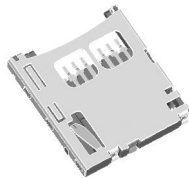
- Mobile phones
- Portable audio players
- Digital still cameras
- Digital video cameras
- Portable games
- Car navigation
- Personal navigators (PND)





## microSD Card Connectors Push-Push, with Anti Card Fly-Out & Anti-Sticking Features

**502570** Normal Mount  
**502774** Reverse Mount



Order No.	Packaging	Mount Type
502570-0893	Embossed	Normal

Order No.	Packaging	Mount Type
502774-0891	Embossed	Reverse

**molex**<sup>®</sup>  
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