

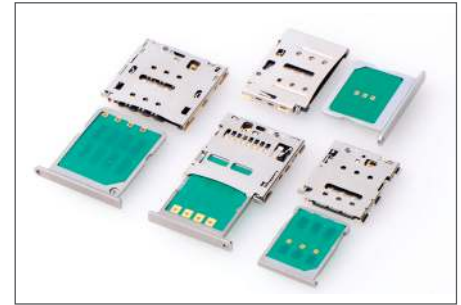
# Memory Card Connectors, Pin-Eject Tray Type, Single and Combo Styles



Molex's miniature memory card connectors with pin-style eject function and card tray holder provide low profiles, multi-card configurations, easy card insertion and removal, and secure electrical contact for ultra-thin mobile devices

## Features and Benefits

Card-tray eject with the use of a standard pin	Enables easy card extraction without the need for a special tool
Low profiles and compact sizes	Offers space savings to meet the needs of ultra-thin mobile device designs
Card polarization features	Prevents card tray from being inserted incorrectly
Anti-buckling contact design	Front-and-back chamfered slope terminal design provides smooth card insertion and extraction, and protection from damage
Supports SIM, micro-SIM, nano-SIM and microSD card formats	Meets industry standards and provides design flexibility



Single Card Styles



Combo-Card Styles

## Applications

### Consumer Mobile Devices

- Smart Phones
- Tablet PCs
- Portable Audio
- Portable Navigation Equipment
- E-book Reader



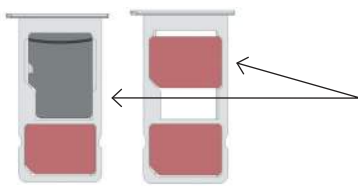
E-book Reader



Smartphone

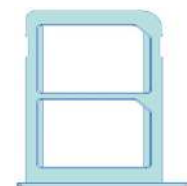
## Additional Product Features

### Different Card-Slot Variations (3-in-2 and 2-in-2)



505603 Series (3-in-2)  
microSD/nano-SIM, or Two nano-SIM cards

The "3-in-2" description means that one of the card slots can accept two different types of cards, which enables three card options within two slots. "2-in-2" means the tray accepts two types of the same card format. "2-in-1" means the tray accepts one of two different card options.



104264 Series (2-in-2)  
Dual nano-SIM

# Memory Card Connectors, Pin-Eject Tray Type, Single and Combo Styles



## Specification

### Memory Card Connectors, Pin-Eject Tray Types, Single-Card Styles

#### REFERENCE INFORMATION

Packaging: Embossed tape  
Designed In: Millimeters  
RoHS: Yes  
Halogen: Low halogen

#### ELECTRICAL

Voltage (max.): 10V  
Current (max.): 0.5A  
Contact Resistance: 100 milliohms max.  
Dielectric Withstanding Voltage: 500V AC (rms)  
Insulation Resistance: 1000 Megohm min.

#### PHYSICAL

Housing: LCP, Black  
Contact: Copper Alloy  
Shell: Stainless Steel  
Detect Lever/Switch: Copper Alloy  
Operating Temperature: -25 to 85°C  
78790, 78545: -30 to 85°C

### Memory Card Connectors, Pin-Eject Tray Types, Combo-Card Styles

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#### PHYSICAL

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Contact: Copper Alloy  
Operating Temperature: -25 to 85°C;  
151050/58/59: -30 to 85°C

## Ordering Information

### Memory Card Connectors, For Single-Card Tray

Order Number	Card Type	Height	Width	Length	Circuits
<a href="#">504528-0892</a>	microSD	1.40	15.60	16.35	8
<a href="#">505020-0692</a>	micro-SIM	1.35	12.40	16.35	6
<a href="#">504520-0691</a>	nano-SIM	1.30	12.40	14.60	6
<a href="#">104240-0631</a>		1.45	14.20	16.20	6
<a href="#">104244-0631</a>		1.45	14.70	16.95	6
<a href="#">78790-1001 with 78545-0010</a>		1.30	13.70	15.40	6

### Memory Card Connectors, For Combo-Card Trays

Order Number	Type	Height	Width	Length	Circuits
<a href="#">505603-2092</a>	Dual nano-SIM or nano-SIM/microSD (3-in-2)	1.35	18.80	28.25	12, 14
<a href="#">200766-0111</a>		1.37	28.40	17.90	12, 8, 2
<a href="#">201025-0214</a>		1.45	28.78	18.40	12, 8, 2
<a href="#">201030-0214</a>		1.45	18.00	29.10	12, 8, 2
<a href="#">104264-1211</a>	Dual nano-SIM (2-in-2)	1.40	18.80	23.60	12
<a href="#">104241-1221</a>		1.45	24.20	16.20	12
<a href="#">151136-0001 with 151130-0001</a>		1.37	17.12	23.25	12
<a href="#">151031-3001 with 151032-0001</a>	Dual micro-SIM (2-in-2)	1.43	19.75	28.58	16
<a href="#">151050-0001 with 151058-0001, 151059-0001</a>	nano-SIM and micro-SIM (2-in-2)	1.37	17.20	27.31	14
<a href="#">104258-1411</a>	nano-SIM or microSD (2-in-1)	1.32	17.50	17.00	6

[www.molex.com/product/memory.html](http://www.molex.com/product/memory.html)