

INTRODUCTION

[查询"49448-1611"供应商](#)



microSD/SIM Combo Socket , 2.75mm Height

49448 (8-Pin SIM)
49362 (6-Pin SIM)



Molex's new microSD/SIM card combo connector offers the smallest overall size of any combo version in the market today

Molex developed its microSD/SIM combo connector to meet the continuing downsizing and low height requirements of its mobile phone customers.

By combining two connectors in one, this combo design provides significant PCB space savings. Solder tails are located on two sides of the connector, while still providing good coplanarity control.

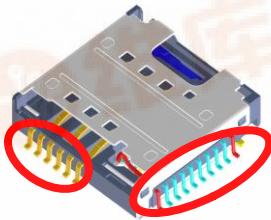
This connector was originally introduced for 3G MegaSIM phone applications, but the different pin-out options make it suitable for various mobile device applications.

Specification

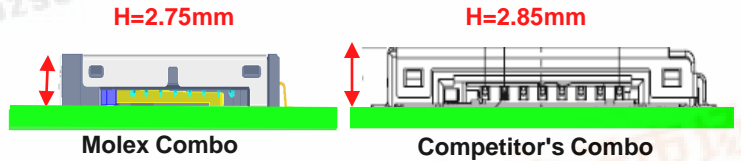
- Current: 0.50A
- Voltage: 100V micro SD / 5V SIM
- Contact Plating: Selective Gold
- Contact Resistance: 100 milliohms max
- Insulation Resistance: 1000 milliohms min
- Dielectric Strength: 500V AC
- Flammability: UL 94V-0

Outer-Lead Solder Tabs/ Reliable Coplanarity

Solder tails are located outside for visible checking, and are able to keep coplanarity at 0.1mm max. after reflow.



Height Comparison: Molex Vs. Competitor's



Features	Benefits
<ul style="list-style-type: none"> ● Ultra low profile and compact; combines two socket ports into one footprint 	<ul style="list-style-type: none"> ● Space savings for mobile device applications
<ul style="list-style-type: none"> ● Reliable mate/un-mate cycling 	<ul style="list-style-type: none"> ● Assures 7,000 cycles
<ul style="list-style-type: none"> ● Solder tails on two sides 	<ul style="list-style-type: none"> ● Space savings and able to keep co-planarity 0.1mm maximum after reflow
<ul style="list-style-type: none"> ● Visible solder tails 	<ul style="list-style-type: none"> ● Enables easy checking
<ul style="list-style-type: none"> ● Card polarization 	<ul style="list-style-type: none"> ● Prevents card from being improperly inserted

MARKETS AND APPLICATIONS



- PDP
- Mobile phones
- Other compact mobile devices



ORDERING INFORMATION[查询"49448-1611"供应商](#)**microSD/SIM Combo
Socket , 2.75mm Height****49448 (8-Pin SIM)****49362 (6-Pin SIM)**

Order No.	Description	PCB Mounting	Depth with Card (mm)	Detect Switch	Height (mm)	Width (mm)	Depth (mm)	Plant No. for Samples
49448-1611	8-pin SIM: Push-Pull	Normal	25.48	No	2.75	17.70	17.70	2299
	microSD: Push-Push	Reverse	19.25	Yes				
49362-1411	6-pin SIM: Push-Pull	Normal	25.48	No	2.75	17.70	17.70	2299
	microSD: Push-Push	Reverse	19.25	Yes				

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