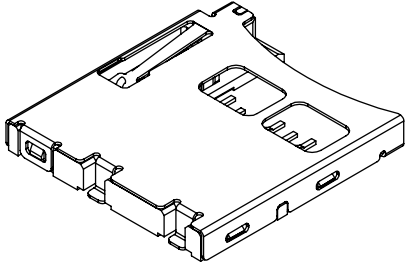


# 1.10mm (.043") Pitch TransFlash\* (microSD) Memory Card Connector

**500873**  
Normal-Mount, SMT, Shielded  
1.88mm (.074") Mounted Height



Circuits	Order No.	Lead-free
8	<a href="#">500873-0801</a>	Yes

\*Note: TransFlash is a trademark of SanDisk Corporation

### Features and Benefits

- Ultra small size for space savings
- Push-push ejector offers easy card extraction and tactile feel
- Metal shielding and integral solder tabs provide ESD protection
- Gold-plated beveled spring contacts provide secure contact force and mating retention
- Solder tails on inside of design provide space savings

### Reference Information

Product Specification: PS-500873-001  
Use With: microSD and TransFlash memory cards  
Packaging: Embossed tape  
Designed In: Millimeters

### Electrical

Voltage: 100V  
Current: 0.5A max.  
Contact Resistance: 100 milliohms max.  
Dielectric Withstanding Voltage: 500V AC  
Insulation Resistance: 1000 Megohms min.

### Mechanical

Mating Force: 13.8N (3.10 lb)  
Unmating Force: 13.8N (3.10 lb)  
Durability: 5,000 cycles

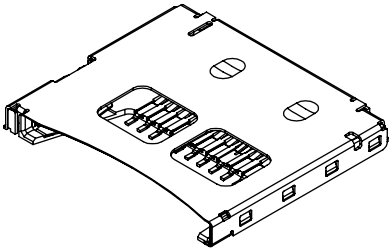
### Physical

Housing: Black LCP, UL 94V-0  
Contact: Copper Alloy  
Plating: Contact Area—Gold  
Solder Tails—Tin  
Underplating: Nickel  
Operating Temperature: -25 to +85°C

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

# 1.30mm (.051") Pitch miniSD Memory Card Connector

**500525**  
Normal-Mount SMT, Shielded  
2.45mm (.096") Mounted Height  
With Detect Switch and Pegs



Circuits	Order No.	Pegs	Lead-free
11	<a href="#">500525-1100</a>	Yes	Yes
	<a href="#">500525-1120</a>		

### Features and Benefits

- Compact size provides space savings
- Spring lock provides secure card retention
- Push-push ejector offers easy card extraction and tactile feel
- Metal shielding and integral solder tabs provide ESD protection
- Detect switch for card recognition
- Robust shell provides card protection

### Reference Information

Product Specification: PS-500525-001  
Packaging: Embossed tape  
Designed In: Millimeters

### Electrical

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

### Mechanical

Durability: 10,000 cycles

### Physical

Housing: Black LCP, UL 94V-0  
Contact: Copper Alloy  
Plating: Contact—Gold; Tail—Tin  
Underplating: Nickel  
Operating Temperature: -25 to +90°C