

Home: Memory Card Sockets >

Part Number: 500873-0816

1.10mm Pitch microSD* Memory Card Connector, Normal Mount Surface Mount



Series image - Reference only

Status: Active
Series: [500873](#)
Category: Memory Card Sockets
Overview: [microSD Memory Card Connector](#)

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Use With:
TransFlash card

Specifications & Other Documents:

- [Part Details \(PDF\)](#)
- [Product Specification PS-500873-005.pdf](#)
- [Packaging Specification SPK-500873-001.pdf](#)

Sales Drawings, 3D Models, and Brochures

- [Drawing \(PDF\)](#)
- [3D Model](#)
- [3D Model \(PDF\)](#)

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Application Tooling

[FAQ](#)

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

Previously Available Application Tooling

[Check our list of old tooling that used to be available for this part](#)

Product Environmental Compliance

Questions on Product Environmental Compliance? Email productcompliance@molex.com

- [EU ELV](#):Not Relevant
- [EU RoHS](#):Compliant
- [China RoHS](#):
- [REACH SVHC](#):Not Contained Per - ED/79/2015 (17 December 2015)
- [Low-Halogen Status](#):Low-Halogen

- [RoHS Certificate of Compliance \(PDF\)](#)
- [Multiple Part Product Compliance Form](#)

Part Detail

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▼ **General**

Status	Active
Category	Memory Card Sockets
Series	500873
Component Type	Header & Ejector (Host)
Overview	microSD Memory Card Connector
Product Name	TransFlash
Style	Push-Push
Trademark Attribution	*microSD is a trademark or registered trademark of SD-3C, LLC.
Type	N/A
UPC	884982064690

▼ **Physical**

Card Detection Switch	No
Circuits (Loaded)	8

Color - Resin	Black
Durability (mating cycles max)	5000
Ejector Button	No
Ejector Button Side	N/A
Entry Angle	90° Angle
Keying to Mating Part	Yes
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	458.738/mg
PCB Locator	No
PCB Mounting Side	Normal
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.09mm
Pitch - Termination Interface	1.09mm
Plating min - Mating	0.508µm
Plating min - Termination	1.016µm
Ports	1
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-25°C to +85°C
Termination Interface: Style	Surface Mount

▼ Electrical

(Please review the Product Specification for specific details.)

Current - Maximum per Contact	0.5A
Shielded	Yes
Voltage - Maximum	100V AC (RMS)/DC

▼ Material Info

▼ Reference - Drawing Numbers

Packaging Specification	SPK-500873-001
Product Specification	PS-500873-005
Sales Drawing	SD-500873-011, SD-500873-012

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