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Part Number: [503182-0853](#)
Status: **Active**
Overview: microSD Memory Card Connector
Description: 1.10mm Pitch microSD Memory Card Connector, Ultra Low-Profile, Push-Push Type, 1.45mm Height, Anti-card fly-out

Documents:

[3D Model](#) [Product Specification PS-503182-004 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Memory Card Sockets
Series	503182
Comments	Anti-card fly-out
Component Type	Header & Ejector (Host)
Overview	<u>microSD Memory Card Connector</u>
Product Name	microSD Card
Style	Push-Push
Type	N/A
UPC	884982343092

Physical

Card Detection Switch	Yes
Circuits (Loaded)	8
Durability (mating cycles max)	10,000
Ejector Button	No
Ejector Button Side	N/A
Entry Angle	90° Angle
Keying to Mating Part	Yes
Material - Plating Mating	Gold
Material - Plating Termination	Gold, Tin
Net Weight	357.755/mg
PCB Locator	No
PCB Mounting Side	Normal
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.09mm
Ports	1
Temperature Range - Operating	-25°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	0.5A
Shielded	Yes
Voltage - Maximum	10V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification	PS-503182-004
Sales Drawing	SD-503182-007, SD-503182-008



image - Reference only

Series

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen

China RoHS



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environmental compliance?**

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[503182Series](#)

Use With

microSD Card