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Part Number: **5031821853**
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](#) [Packaging Specification SPK-503182-002 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-503182-008 \(PDF\)](#)

General

Product Family	Memory Card Sockets
Series	503182
Component Type	Header & Ejector (Host)
Overview	<u>microSD Memory Card Connector</u>
Product Name	microSD* Card
Style	Push-Push
Type	N/A
UPC	887191053738

Physical

Card Detection Switch	Yes
Circuits (Loaded)	8
Durability (mating cycles max)	10000
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 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

Packaging Specification	SPK-503182-002
Product Specification	PS-503182-008
Sales Drawing	SD-503182-015, SD-503182-016

*microSD is a trademark or registered trademark of SD-3C, LLC.



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

Search Parts in this Series

[503182 Series](#)

Use With

microSD Card