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Part Number:

1051620001

Status:

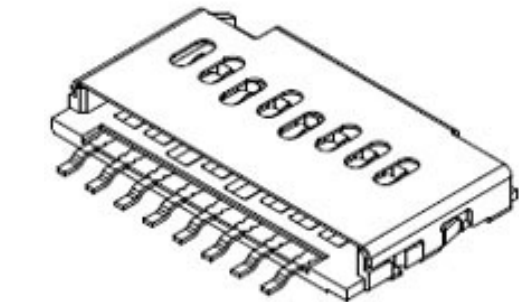
Active

Overview:

microSD Memory Card Connector

Description:

1.10mm Pitch microSD Card Header with Detect Pin, Height 1.45mm, Lead-Free, Gold (Au) Plated 0.381µm



Series image - Reference only

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification TS-105162-001-001 \(PDF\)](#)

[Packaging Specification PK-105162-001-000 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	Memory Card Sockets
Series	105162
Comments	Push-Pull Type
Electrical Model	Yes
Overview	microSD Memory Card Connector
Product Name	microSD Card
Style	Guide and Holder
UPC	884982383333
Physical	
Card Detection Switch	Open
Card Entry Location	Front
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	10000
Ejector Button Side	N/A
Material - Contact	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Material - Shell	Stainless Steel
Net Weight	0.136/g
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.10mm
Pitch - Termination Interface	1.10mm
Temperature Range - Operating	-40° to +85°C
Termination Interface: Style	Surface Mount
Electrical	
Current - Maximum per Contact	0.5A
Shielded	Yes
Voltage - Maximum	5V DC
Solder Process Data	
Duration at Max. Process Temperature (seconds)	003
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	250
Material Info	
Reference - Drawing Numbers	
Electrical Model Document	EE-105162-001

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per -ED/01/2018 (15 January 2018)

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

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

105162 Series

Mates With

Standard SIM Card

Use With

microSD Card

Packaging Specification	PK-105162-001-000
Product Specification	TS-105162-001-001
S-Parameter Model	SP-105162-001
Sales Drawing	SD-105162-001-000

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