

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

1051620101

Status:

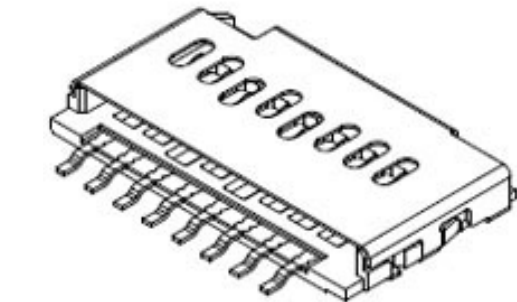
Active

Overview:

microSD Memory Card Connector

Description:

1.10mm Pitch microSD* Card Header with Detect Pin, Height 1.45mm, Lead-Free, Gold (Au) Plated 0.762µm



Series image - Reference only

- Documents:
- 3D Model

Drawing (PDF)

Packaging Specification PK-105162-001 (PDF)

Test Summary TS-105162-001 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Memory Card Sockets
Series	105162
Comments	Push-Pull Type
Component Type	I/O Header (Card)
Electrical Model	Yes
Overview	microSD Memory Card Connector
Product Name	microSD* Card, TransFlash
Style	Guide and Holder
Type	N/A
UPC	884982817838
Physical	
Card Detection Switch	Yes
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	10000
Ejector Button	No
Ejector Button Side	N/A
Entry Angle	90° Angle
Keying to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	0.140/g
PCB Locator	No
PCB Mounting Side	Normal
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.09mm
Pitch - Termination Interface	1.09mm
Plating min - Mating	0.762µm
Plating min - Termination	0.051µm
Ports	1
Temperature Range - Operating	-40°C 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)	002

EU ELV

Not Relevant

EU RoHS

China 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

Green Image

ELV

Not Relevant

Search Parts in this Series

105162 Series

Mates With

Standard SIM Card

Use With

microSD Card

Lead-free	Process Capability	REFLOW
Max. Cycles at Max. Process Temperature		002
Process Temperature max. C		255

Material Info

Reference - Drawing Numbers

Electrical Model Document	EE-105162-001
Packaging Specification	PK-105162-001
S-Parameter Model	SP-105162-001
Sales Drawing	SD-105162-001
Test Summary	TS-105162-001

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

This document was generated on 06/10/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION