

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

105162-0001

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

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Test Summary TS-105162-001 (PDF)

General	
Product Family	Memory Card Sockets
Series	105162
Comments	Push-Pull Type
Component Type	I/O Header (Card)
Overview	microSD Memory Card Connector
Product Name	microSD Card, TransFlash
Style	Guide and Holder
Type	N/A
UPC	884982383333

Physical	
Card Detection Switch	Yes
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	10,000
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	0.136/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	0.381µm
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)	3
Lead-free Process Capability	Reflow Capable (SMT only)

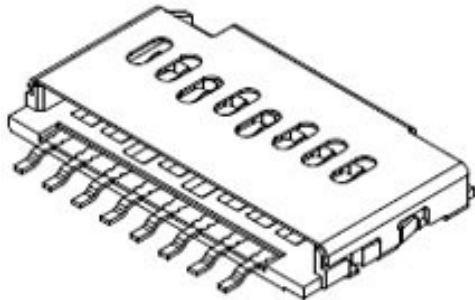


image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product 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

105162Series

Mates With

Standard SIM Card

Use With

microSD Card

Max. Cycles at Max. Process Temperature	2
Process Temperature max. C	250

Material Info

Reference - Drawing Numbers

Sales Drawing	SD-105162-001
Test Summary	TS-105162-001

This document was generated on 07/02/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION