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Part Number:	**1050270001**
Status:	**Active**
Overview:	microsd
Description:	1.10mm(.043"), 0.75mm(.030"), 0.70mm(.028") Pitch microSD Card Header with Detect Switch, Height 1.70mm (.067"), Lead Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-105027-001 (PDF)

RoHS Certificate of Compliance (PDF)

Series

image - Reference only

General

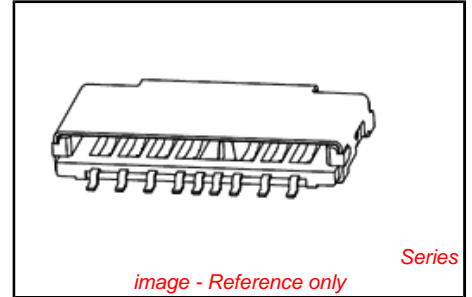|	
Product Family	Memory Card Sockets
Series	105027
Button Type	Push-Pull
Comments	<LI>Ground Pin located between Pin 4 and 5
Component Type	I/O Header (Card)
Overview	microsd
Product Name	microSD Card, TransFlash
Type	N/A

Physical

Card Detection Switch	Yes
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	10,000
Ejector Button Side	No Ejector Button Present
Entry Angle	Horizontal
Keying to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Nickel
Material - Resin	High Temperature Thermoplastic
PCB Locator	No
PCB Mounting Side	Normal
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.043 In
Pitch - Mating Interface (mm)	1.10 mm
Pitch - Term. Interface (in)	0.043 In
Pitch - Term. Interface (mm)	1.10 mm
Plating min: Mating (µin)	29.5
Plating min: Mating (µm)	0.75
Plating min: Termination (µin)	49.2
Plating min: Termination (µm)	1.25
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

Material Info

Reference - Drawing Numbers

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status
Not Reviewed

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
105027Series

Mates With
Standard SIM Card

Use With
microSD Card

Packaging Specification	PK-105027-001
Product Specification	PS-105027-001
Sales Drawing	SD-105027-001
Test Summary	TS-105027-001

This document was generated on 06/15/2010

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