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Part Number: [0912283001](#)
Status: **Active**
Overview: [chipsim_connectors_and_cardholders](#)
Description: 2.54mm (.100") Pitch ChipSIM Connector, 6 Circuits, SMT, With Ejector, With Pegs, Use With Card Holder 91236

Documents:

[3D Model](#) [Product Specification PS-99020-0071 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

| | |
|----------------|--|
| Product Family | Memory Card Sockets |
| Series | 91228 |
| Component Type | Receptacle (Card) |
| Overview | chipsim_connectors_and_cardholders |
| Product Name | ChipSIM |
| Style | Push-Push |
| Type | N/A |

Physical

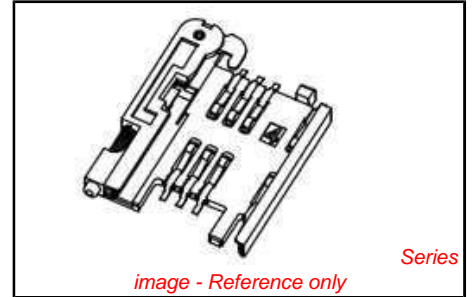
| | |
|--------------------------------|--|
| Card Detection Switch | Yes |
| Circuits (Loaded) | 6 |
| Circuits (maximum) | 6 |
| Color - Resin | Black, Natural |
| Durability (mating cycles max) | 5,000 |
| Ejector Button | Yes |
| Ejector Button Side | Left |
| Entry Angle | Vertical (Top Entry) |
| Keying to Mating Part | Yes |
| Material - Metal | Phosphor Bronze, Piano wire, Stainless Steel |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| PCB Locator | No |
| PCB Mounting Side | Normal |
| PCB Retention | None |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface (in) | 0.100 In, 0.288 In |
| Pitch - Mating Interface (mm) | 2.54 mm, 7.32 mm |
| Pitch - Term. Interface (in) | 0.100 In, 0.288 In |
| Pitch - Term. Interface (mm) | 2.54 mm, 7.32 mm |
| Plating min - Mating | 0.102µm (4µ") |
| Plating min - Termination | 3.048µm (120µ") |
| Ports | 1 |
| Surface Mount Compatible (SMC) | Yes |
| Temperature Range - Operating | -40°C to +85°C |
| Termination Interface: Style | Surface Mount |

Electrical

| | |
|-------------------------------|--------|
| Current - Maximum per Contact | 0.5A |
| Shielded | No |
| Voltage - Maximum | 50V DC |
| Voltage Key | N/A |

Solder Process Data

| | |
|--|---|
| Duration at Max. Process Temperature (seconds) | 5 |
|--|---|



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
[91228Series](#)

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

Reflow Capable (SMT only)
2
240

Material Info

Reference - Drawing Numbers

| | |
|-------------------------|------------------------------|
| Packaging Specification | PK-91228-002 |
| Product Specification | PS-99020-0071 |
| Sales Drawing | SD-91228-001, SDA-91228-9001 |
| Test Summary | STR-1229, STR-1240 |

This document was generated on 09/03/2010

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