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**Part Number:** [1046421610](#)  
**Status:** **Active**  
**Overview:** [microSD/SIM Card Combo Connector](#)  
**Description:** microSD\*/micro-SIM Combo Connector, 2.10mm Height, Pull-Lever Eject, Normal Mount, With Detect Switch, 8-Circuit Card Type

**Documents:**

|                                                               |                                                                 |
|---------------------------------------------------------------|-----------------------------------------------------------------|
| <a href="#">3D Model</a>                                      | <a href="#">Packaging Specification 1046421610-003 (PDF)</a>    |
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">Packaging Specification PK-104642-001-001 (PDF)</a> |
| <a href="#">Product Specification PS-104642-001-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>            |

**General**

|                |                                                  |
|----------------|--------------------------------------------------|
| Product Family | Memory Card Sockets                              |
| Series         | <a href="#">104642</a>                           |
| Overview       | <a href="#">microSD/SIM Card Combo Connector</a> |
| Product Name   | Combo, micro-SIM, microSD Card                   |
| Style          | Pull-Lever                                       |
| UPC            | 889056183864                                     |

**Physical**

|                                |                            |
|--------------------------------|----------------------------|
| Card Detection Switch          | Open                       |
| Card Entry Location            | Front                      |
| Circuits (Loaded)              | 16                         |
| Color - Resin                  | Natural                    |
| Durability (mating cycles max) | 10000                      |
| Ejector Button Side            | Left                       |
| Material - Contact             | Copper Alloy               |
| Material - Plating Mating      | Gold over Palladium Nickel |
| Material - Resin               | Liquid Crystal Polymer     |
| Material - Shell               | Stainless Steel            |
| Net Weight                     | 0.420/g                    |
| PCB Locator                    | Yes                        |
| PCB Retention                  | Yes                        |
| Packaging Type                 | Embossed Tape on Reel      |
| Pitch - Mating Interface       | 1.10mm, 2.54mm             |
| Temperature Range - Operating  | -40°C to +85°C             |
| Termination Interface: Style   | Surface Mount              |

**Electrical**

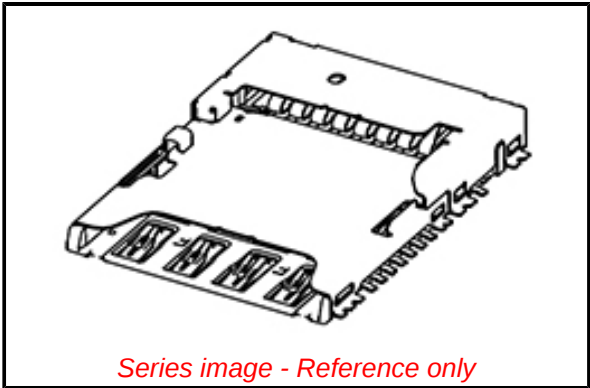
|                               |                 |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 0.5A            |
| Voltage - Maximum             | 10V AC (RMS)/DC |

**Material Info**

**Reference - Drawing Numbers**

|                         |                                   |
|-------------------------|-----------------------------------|
| Packaging Specification | 1046421610-003, PK-104642-001-001 |
| Product Specification   | PS-104642-001-001                 |
| Sales Drawing           | 1046421610-000, SD-104642-001     |

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



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/30/2017 (7 July  
2017)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto: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**

[104642](#) Series

**Mates With**

microSD\* Card, micro-SIM Card