



Part Number : 2066530056

Product Description : 0.60mm Pitch Sliver  
Edge Card Connector, Vertical, 32 Gbps,  
1.57mm PCB Thickness, 1C, 56 Circuits

Series Number : 206653

Status : Active

Product Category : Card Edge Connectors

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Documents & Resources

Drawings

- Drawing 2066530056\_sd.pdf
- Packaging Design Drawing 2066530056-PK-000.pdf

3D Models and Design Files

- 3D Model 2066530056\_stp.zip

Specifications

- Application Specification 2066530001-AS-000.pdf
  - Product Specification 2066530001-PS-000.pdf
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Product Environment Compliance

Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                          |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                        |
| REACH SVHC         | Not Contained per D(2024)4144-DC<br>(27 June 2024)                                    |
| EU RoHS            | Compliant per EU 2015/863                                                             |

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration

- IEC-62474  
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

|                |                                                                                                   |
|----------------|---------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                            |
| Category       | Card Edge Connectors                                                                              |
| Series         | 206653                                                                                            |
| Description    | 0.60mm Pitch Sliver Edge Card Connector, Vertical, 32 Gbps, 1.57mm PCB Thickness, 1C, 56 Circuits |
| Component Type | Edgecard to PCB                                                                                   |
| Product Family | Sliver Edge Card Connector and Cable Assemblies                                                   |
| Product Name   | Sliver                                                                                            |
| Standard Based | General                                                                                           |
| UPC            | 193264190959                                                                                      |

#### Agency

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

#### Electrical

|                                |                 |
|--------------------------------|-----------------|
| Current - Maximum per Contact  | 1.1A            |
| Data Rate                      | 32.0 Gbps       |
| High Power Bay (30.0A or more) | No              |
| Voltage - Maximum              | 29V AC (RMS)/DC |

#### Physical

|                                |               |
|--------------------------------|---------------|
| Circuit Size Range             | 1-64 Circuits |
| Circuits (Loaded)              | 56            |
| Color - Resin                  | Black         |
| Durability (mating cycles max) | 200           |
| Edge Card Thickness            | 1.57mm        |

|                                |                        |
|--------------------------------|------------------------|
| Flammability                   | 94V-0                  |
| Keying to Mating Part          | None                   |
| Material - Metal               | Copper Alloy           |
| Material - Plating Mating      | Gold                   |
| Material - Plating Termination | Matte Tin              |
| Material - Resin               | Liquid Crystal Polymer |
| Net Weight                     | 1.329/g                |
| Orientation                    | Vertical               |
| Packaging Type                 | Embossed Tape on Reel  |
| PCB Locator                    | Yes                    |
| PCB Retention                  | Yes                    |
| PCB Thickness - Recommended    | 1.57mm                 |
| Pitch - Mating Interface       | 0.60mm                 |
| Plating min - Mating           | 0.762µm                |
| Plating min - Termination      | 2.540µm                |
| (p)ower-(s)ignal Configuration | 56s - 0p               |
| Temperature Range - Operating  | -55° to +85°C          |
| Termination Interface Style    | Surface Mount          |