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Part Number:

0741640136

Status:

Active

Overview:

C-Grid Connector Products

Description:

2.54mm Pitch C-Grid Receptacle, Right-Angle, Through Hole, Dual Row, Shrouded with Pegs High-Temperature, 36 Circuits, Tin (Sn)

Documents:

3D Model

3D Model (PDF)

Drawing (PDF)

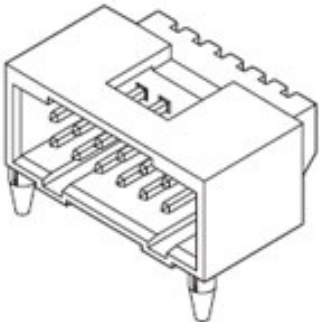
Product Specification PS-74164-001-001 (PDF)

Application Specification 713080001-AS-000 (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                |
|--------------------------------|--------------------------------|
| Agency Certification           |                                |
| UL                             | E29179                         |
| General                        |                                |
| Product Family                 | PCB Receptacles                |
| Series                         | 74164                          |
| Application                    | Board-to-Board, Signal         |
| Overview                       | C-Grid Connector Products      |
| Product Name                   | C-Grid                         |
| UPC                            | 883906878948                   |
| Physical                       |                                |
| Circuits (Loaded)              | 36                             |
| Circuits (maximum)             | 36                             |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 25                             |
| Flammability                   | 94V-0                          |
| Glow-Wire Capable              | No                             |
| Guide to Mating Part           | No                             |
| Keying to Mating Part          | None                           |
| Lock to Mating Part            | Yes                            |
| Material - Metal               | Phosphor Bronze                |
| Material - Plating Mating      | Tin                            |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Performance Thermoplastic |
| Net Weight                     | 7.975/g                        |
| Number of Rows                 | 2                              |
| Orientation                    | Right Angle                    |
| PCB Locator                    | Yes                            |
| PCB Retention                  | None                           |
| Packaging Type                 | Tube                           |
| Pitch - Mating Interface       | 2.54mm                         |
| Pitch - Termination Interface  | 2.54mm                         |
| Polarized to Mating Part       | No                             |
| Polarized to PCB               | No                             |
| Robotic Placement              | None                           |
| Stackable                      | No                             |
| Surface Mount Compatible (SMC) | No                             |
| Temperature Range - Operating  | -40° to +105°C                 |
| Termination Interface: Style   | Through Hole                   |
| Electrical                     |                                |
| Current - Maximum per Contact  | 2.5A                           |
| Grounding to PCB               | No                             |
| Voltage - Maximum              | 250V                           |

Solder Process Data



Series image - Reference only

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - ECHA_01_2020 (16 January 2020             |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Low-Halogen                                                   |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series

74164 Series

|                                                |      |
|------------------------------------------------|------|
| Duration at Max. Process Temperature (seconds) | 005  |
| Lead-freeProcess Capability                    | WAVE |
| Max. Cycles at Max. Process Temperature        | 001  |
| Process Temperature max. C                     | 260  |

**Material Info**

**Reference - Drawing Numbers**

|                           |                  |
|---------------------------|------------------|
| Application Specification | 713080001-AS-000 |
| Product Specification     | PS-74164-001-001 |
| Sales Drawing             | SD-74164-001     |

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