

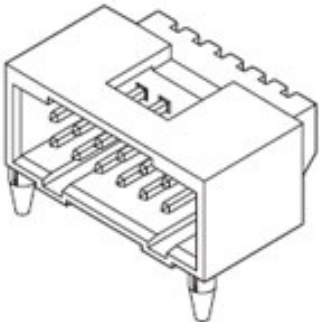
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**Part Number:** [0741640106](#)  
**Status:** **Active**  
**Overview:** [C-Grid Connector Products](#)  
**Description:** 2.54mm Pitch C-Grid Receptacle, Right-Angle, Through Hole, Dual Row, Shrouded with Pegs High-Temperature, 6 Circuits, Tin (Sn)

**Documents:**  
[3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-74164-001-001 \(PDF\)](#)  
[Packaging Specification PK-74163-9000 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

|                                |                                           |
|--------------------------------|-------------------------------------------|
| <b>Agency Certification</b>    |                                           |
| UL                             | E29179                                    |
| <b>General</b>                 |                                           |
| Product Family                 | PCB Receptacles                           |
| Series                         | <a href="#">74164</a>                     |
| Application                    | Board-to-Board, Signal                    |
| Overview                       | <a href="#">C-Grid Connector Products</a> |
| Product Name                   | C-Grid                                    |
| UPC                            | 883906878801                              |
| <b>Physical</b>                |                                           |
| Circuits (Loaded)              | 6                                         |
| Circuits (maximum)             | 6                                         |
| 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                     | 2.320/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                              |
| <b>Electrical</b>              |                                           |
| Current - Maximum per Contact  | 2.5A                                      |
| Grounding to PCB               | No                                        |
| Voltage - Maximum              | 250V                                      |

**Solder Process Data**



Series image - Reference only

|                                                                                                                                                                                                                                               |                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>EU ELV</b><br><b>Not Relevant</b>                                                                                                                                                                                                          |                                                                                               |
| <b>EU RoHS</b><br><b>Compliant</b><br><b>REACH SVHC</b><br>Not Contained Per -<br>ED/71/2019 (16 July<br>2019)<br><b>Halogen-Free</b><br><b>Status</b><br><b>Low-Halogen</b><br>For more information, please visit <a href="#">Contact US</a> | <b>China RoHS</b><br><br><br><br><br><br><br><br><br><br>China ROHS<br>ELV<br>RoHS Phthalates |
| Green Image<br>Not Relevant<br>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**

|                         |                  |
|-------------------------|------------------|
| Packaging Specification | PK-74163-9000    |
| Product Specification   | PS-74164-001-001 |
| Sales Drawing           | SD-74164-001     |

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