

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0741640164**  
**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, 64 Circuits, Tin (Sn)

**Documents:**

[3D Model](#) [Application Specification 713080001-AS-000 \(PDF\)](#)  
[3D Model \(PDF\)](#) [Packaging Specification PK-70873-0019-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-74164-001-001 \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

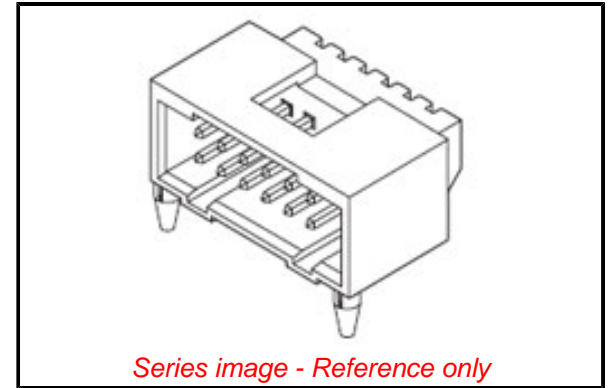
Product Family PCB Receptacles  
 Series 74164  
 Application Board-to-Board, Signal  
 Overview C-Grid Connector Products  
 Product Name C-Grid  
 UPC 883906879006

**Physical**

Circuits (Loaded) 64  
 Circuits (maximum) 64  
 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 13.253/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



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2021)4569-DC (8  
 July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[74164 Series](#)

**Solder Process Data**

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

**Material Info****Reference - Drawing Numbers**

|                           |                   |
|---------------------------|-------------------|
| Application Specification | 713080001-AS-000  |
| Packaging Specification   | PK-70873-0019-001 |
| Product Specification     | PS-74164-001-001  |
| Sales Drawing             | SD-74164-001-001  |

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