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Part Number:

79107-7003

Status:

Active

Overview:

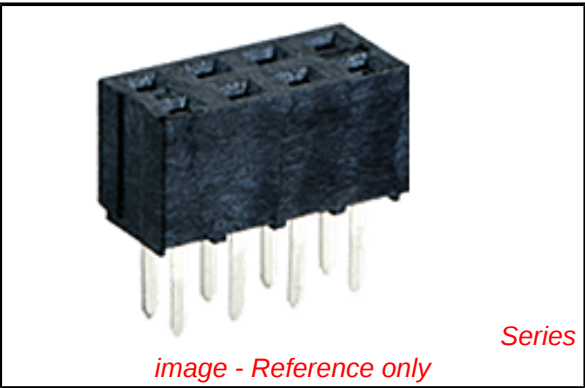
Milli-Grid™ Connector System

Description:

2.00mm Pitch Milli-Grid™ Receptacle, Vertical, Through Hole, Dual Row, 3.00mm Tail Length, 0.38µm Gold (Au) Selective Plating, 8 Circuits, Lead-Free

|                               |                                                      |
|-------------------------------|------------------------------------------------------|
| Documents:                    |                                                      |
| <a href="#">3D Model</a>      | <a href="#">Product Specification PS-79107 (PDF)</a> |
| <a href="#">Drawing (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a> |

|                                                |                                |
|------------------------------------------------|--------------------------------|
| General                                        |                                |
| Product Family                                 | PCB Receptacles                |
| Series                                         | 79107                          |
| Application                                    | Board-to-Board, Signal         |
| Overview                                       | Milli-Grid™ Connector System   |
| Product Name                                   | Milli-Grid™                    |
| UPC                                            | 822348474486                   |
| Physical                                       |                                |
| Circuits (Loaded)                              | 8                              |
| Circuits (maximum)                             | 8                              |
| Color - Resin                                  | Black                          |
| Durability (mating cycles max)                 | 50                             |
| Glow-Wire Compliant                            | No                             |
| Lock to Mating Part                            | None                           |
| Material - Metal                               | Phosphor Bronze                |
| Material - Plating Mating                      | Gold                           |
| Material - Plating Termination                 | Tin                            |
| Material - Resin                               | High Temperature Thermoplastic |
| Net Weight                                     | 0.229/g                        |
| Number of Rows                                 | 2                              |
| Orientation                                    | Vertical                       |
| PC Tail Length                                 | 3.00mm                         |
| PCB Locator                                    | No                             |
| PCB Retention                                  | None                           |
| PCB Thickness - Recommended                    | 1.60mm                         |
| Packaging Type                                 | Tube                           |
| Pitch - Mating Interface                       | 2.00mm                         |
| Pitch - Termination Interface                  | 2.00mm                         |
| Plating min - Mating                           | 0.381µm                        |
| Plating min - Termination                      | 1.905µm                        |
| Polarized to Mating Part                       | No                             |
| Polarized to PCB                               | No                             |
| Surface Mount Compatible (SMC)                 | Yes                            |
| Temperature Range - Operating                  | -55°C to +105°C                |
| Termination Interface: Style                   | Through Hole                   |
| Electrical                                     |                                |
| Current - Maximum per Contact                  | 1A                             |
| Voltage - Maximum                              | 125V                           |
| Solder Process Data                            |                                |
| Duration at Max. Process Temperature (seconds) | 10                             |
| Lead-free Process Capability                   | Wave Capable (TH only)         |
| Max. Cycles at Max. Process Temperature        | 1                              |
| Process Temperature max. C                     | 260                            |



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

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

For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

79107Series

Mates With

87758 Vertical, Through Hole, Stackable PCB Header, 87759 Vertical, Surface Mount, Stackable PCB Header, 87760 Right Angle, Through Hole, Stackable PCB Header, 87831 Vertical, Through Hole PCB Header, 87832 Vertical, Surface Mount PCB

**Material Info**

**Reference - Drawing Numbers**

Product Specification  
Sales Drawing

PS-79107  
SDA-79107-\*\*\*\*

This document was generated on 10/15/2014

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