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**Part Number:** [51089-4005](#)  
**Status:** **Active**  
**Description:** 2.00mm Pitch Mi II™ System Wire-to-Board Crimp Housing, Dual Row, 40 Circuits

**Documents:**

|                                                          |                                                              |
|----------------------------------------------------------|--------------------------------------------------------------|
| <a href="#">3D Model</a>                                 | <a href="#">Product Specification PS-51089-005 (PDF)</a>     |
| <a href="#">Drawing (PDF)</a>                            | <a href="#">Application Specification AS-52484-001 (PDF)</a> |
| <a href="#">Product Specification PS-51089-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>         |

**Agency Certification**

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

**General**

|                |                       |
|----------------|-----------------------|
| Product Family | Crimp Housings        |
| Series         | <a href="#">51089</a> |
| Application    | Signal, Wire-to-Board |
| Product Name   | Mi II™                |
| UPC            | 800755527575          |

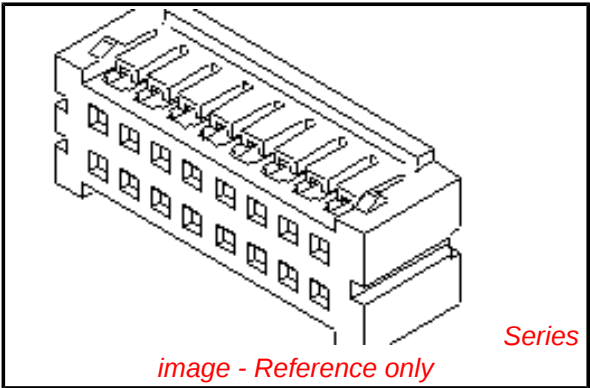
**Physical**

|                               |                 |
|-------------------------------|-----------------|
| Circuits (maximum)            | 40              |
| Color - Resin                 | Gray            |
| Flammability                  | 94V-0           |
| Gender                        | Female          |
| Glow-Wire Compliant           | No              |
| Material - Resin              | Polyester       |
| Net Weight                    | 1502.800/mg     |
| Number of Rows                | 2               |
| Packaging Type                | Bag             |
| Panel Mount                   | No              |
| Pitch - Mating Interface      | 2.00mm          |
| Stackable                     | No              |
| Temperature Range - Operating | -40°C to +105°C |

**Material Info**

**Reference - Drawing Numbers**

|                           |                                                          |
|---------------------------|----------------------------------------------------------|
| Application Specification | AS-52484-001                                             |
| Product Specification     | PS-51089-001, PS-51089-005, RPS-51089-002, RPS-51089-005 |
| Sales Drawing             | SD-51089-**05                                            |



**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Not 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.

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**Mates With**  
[53313](#) , [53314](#)

**Use With**  
[50212](#) Crimp Terminals

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