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**Part Number:** **51089-1605**  
**Status:** **Active**  
**Description:** 2.00mm Pitch Mi II™ System Wire-to-Board Crimp Housing, Dual Row, 16 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         | 51089                 |
| Application    | Signal, Wire-to-Board |
| Product Name   | Mi II™                |
| UPC            | 800754315630          |

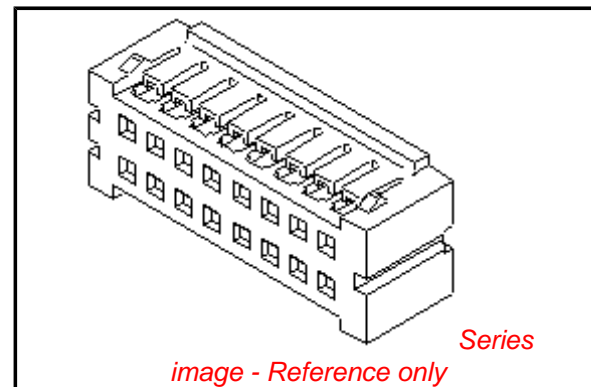
**Physical**

|                               |                 |
|-------------------------------|-----------------|
| Circuits (maximum)            | 16              |
| Color - Resin                 | Gray            |
| Flammability                  | 94V-0           |
| Gender                        | Female          |
| Glow-Wire Compliant           | No              |
| Lock to Mating Part           | Yes             |
| Material - Resin              | Polyester       |
| Net Weight                    | 706.300/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-51089-004, 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.

**Search Parts in this Series**

51089Series

**Mates With**

53313 , 53314

**Use With**

50212 Crimp Terminals