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**Part Number:** [0003091027](#)  
**Status:** **Active**  
**Overview:** [Standard .093" Pin and Socket Connectors](#)  
**Description:** 2.36mm Diameter Standard .093" Pin and Socket Receptacle Housing, 2 Circuits, with Pre-bent Mounting Ears, with Ramps, Natural

**Documents:**

|                                                      |                                                               |
|------------------------------------------------------|---------------------------------------------------------------|
| <a href="#">3D Model</a>                             | <a href="#">Product Specification PS-43660-9999-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                        | <a href="#">Packaging Specification PK-1545-001-001 (PDF)</a> |
| <a href="#">Product Specification PS-02-09 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>          |

**Agency Certification**

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

**General**

|                |                                                                                                         |
|----------------|---------------------------------------------------------------------------------------------------------|
| Product Family | Crimp Housings                                                                                          |
| Series         | <a href="#">1545</a>                                                                                    |
| Application    | Power, Wire-to-Wire                                                                                     |
| Comments       | Polarized to Mating Part, 17.0A max. can be achieved when housing is used with 42477 or 42478 terminals |
| Overview       | <a href="#">Standard .093" Pin and Socket Connectors</a>                                                |
| Product Name   | Standard .093"                                                                                          |
| UPC            | 800753615052                                                                                            |

**Physical**

|                               |                |
|-------------------------------|----------------|
| Breakaway                     | No             |
| Circuits (maximum)            | 2              |
| Circuits Detail               | 1x2            |
| Color - Resin                 | Natural        |
| Flammability                  | 94V-2          |
| Gender                        | Receptacle     |
| Glow-Wire Capable             | No             |
| Keying to Mating Part         | None           |
| Lock to Mating Part           | Yes            |
| Material - Resin              | Nylon          |
| Net Weight                    | 1.720/g        |
| Number of Rows                | 1              |
| Packaging Type                | Bag            |
| Panel Mount                   | Yes            |
| Pitch - Mating Interface      | 6.30mm         |
| Pitch - Termination Interface | 6.30mm         |
| Stackable                     | No             |
| Temperature Range - Operating | -40° to +105°C |

**Electrical**

|                               |       |
|-------------------------------|-------|
| Current - Maximum per Contact | 14.0A |
|-------------------------------|-------|

**Solder Process Data**

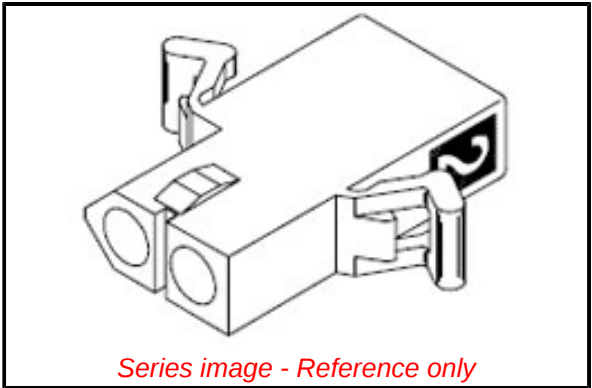
|                             |     |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

**Material Info**

|                    |         |
|--------------------|---------|
| Engineering Number | 1545-R3 |
|--------------------|---------|

**Reference - Drawing Numbers**

|                         |                             |
|-------------------------|-----------------------------|
| Packaging Specification | PK-1545-001-001             |
| Product Specification   | PS-02-09, PS-43660-9999-001 |
| Sales Drawing           | SD-1545-*                   |



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/61/2018 (27 June  
2018)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[1545](#) Series

**Mates With**

[03-09-2022](#) , [03-09-7022](#) , [03-09-7024](#)

**Use With**

[1189](#) Crimp Terminals, [1190](#) Crimp  
Terminals, [1376](#) Male PC Tail Terminals,  
[1377](#) Female PC Tail Terminals, [1380](#)  
Male Crimp Terminals, [1381](#) Female Crimp  
Terminals, [1433](#) Crimp Terminals, [1434](#)  
Male Crimp Terminals, [1973](#) Male

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