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**Part Number:** **0591100478**  
**Status:** **Active**  
**Description:** 0.80mm Pitch Shielded I/O Receptacle, Right Angle, Surface Mount

**Documents:**

[3D Model](#) [Product Specification PS-59110-012-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

|                |                       |
|----------------|-----------------------|
| Product Family | I/O Connectors        |
| Series         | <a href="#">59110</a> |
| Application    | Wire-to-Board         |
| Component Type | Receptacle            |
| Product Name   | N/A                   |
| Type           | N/A                   |
| UPC            | 822348240296          |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 4                              |
| Circuits (maximum)             | 4                              |
| Color - Resin                  | Black                          |
| Lock to Mating Part            | Yes                            |
| Material - Metal               | Brass                          |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 602.400/mg                     |
| Orientation                    | Right Angle                    |
| PCB Locator                    | Yes                            |
| PCB Retention                  | Yes                            |
| Packaging Type                 | Embossed Tape on Reel          |
| Panel Mount                    | No                             |
| Pitch - Mating Interface       | 0.80mm                         |
| Plating min - Mating           | 0.762µm                        |
| Plating min - Termination      | 1.016µm                        |
| Polarized to Mating Part       | Yes                            |
| Surface Mount Compatible (SMC) | N/A                            |
| Temperature Range - Operating  | 0°C to +50°C                   |
| Termination Interface: Style   | Surface Mount                  |
| Wire Size AWG                  | N/A                            |

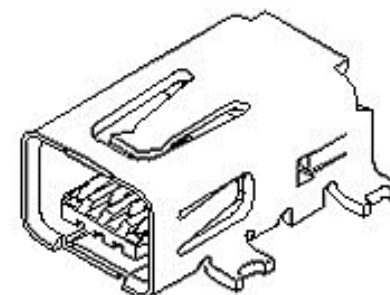
**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 1.5A |
| Shielded                      | Yes  |
| Voltage - Maximum             | 30V  |

**Material Info**

**Reference - Drawing Numbers**

|                       |                            |
|-----------------------|----------------------------|
| Product Specification | PS-59110-012-001           |
| Sales Drawing         | SD-59110-006, SD-59110-007 |



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2018 (15  
January 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**

[59110 Series](#)

**Mates With**

[59204 Type A](#)