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**Part Number:** [70545-0014](#)  
**Status:** **Active**  
**Overview:** [SL™ Modular Connectors](#)  
**Description:** 2.54mm Pitch SL™ Header, Single Row 3.05mm Pocket Vertical, Shrouded, with Press-fit Plastic Peg, 15 Circuits, Tin (Sn) Plating

**Documents:**

|                                                      |                                                      |
|------------------------------------------------------|------------------------------------------------------|
| <a href="#">3D Model</a>                             | <a href="#">Product Specification PS-70541 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                        | <a href="#">RoHS Certificate of Compliance (PDF)</a> |
| <a href="#">Product Specification PS-70400 (PDF)</a> |                                                      |

**Agency Certification**

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

**General**

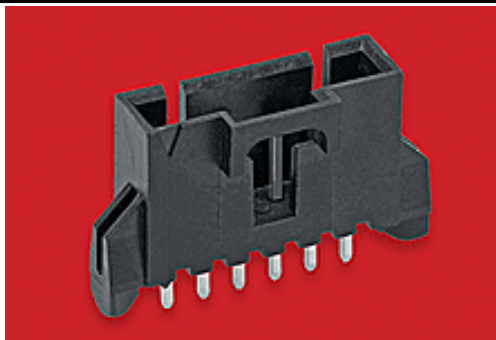
|                |                                        |
|----------------|----------------------------------------|
| Product Family | PCB Headers                            |
| Series         | <a href="#">70545</a>                  |
| Application    | Signal, Wire-to-Board                  |
| Overview       | <a href="#">SL™ Modular Connectors</a> |
| Product Name   | SL™                                    |
| UPC            | 800753617872                           |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Breakaway                      | No                             |
| Circuits (Loaded)              | 15                             |
| Circuits (maximum)             | 15                             |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 25                             |
| Flammability                   | 94V-0                          |
| Glow-Wire Compliant            | No                             |
| Lock to Mating Part            | Yes                            |
| Material - Metal               | Brass, Phosphor Bronze         |
| Material - Plating Mating      | Tin                            |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 2.958/g                        |
| Number of Rows                 | 1                              |
| Orientation                    | Vertical                       |
| PC Tail Length                 | 3.30mm                         |
| PCB Locator                    | Yes                            |
| PCB Retention                  | Yes                            |
| PCB Thickness - Recommended    | 1.60mm                         |
| Packaging Type                 | Tube                           |
| Pitch - Mating Interface       | 2.54mm                         |
| Plating min - Mating           | 3.810µm                        |
| Plating min - Termination      | 3.810µm                        |
| Polarized to Mating Part       | Yes                            |
| Shrouded                       | Fully                          |
| Stackable                      | No                             |
| Surface Mount Compatible (SMC) | Yes                            |
| Temperature Range - Operating  | -40°C to +105°C                |
| Termination Interface: Style   | Through Hole                   |

**Electrical**

|                               |    |
|-------------------------------|----|
| Current - Maximum per Contact | 3A |
|-------------------------------|----|



Series

image - Reference only

**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**

[70545Series](#)

**Mates With**

SL™ Crimp Housing 70066 Option N, 70066  
Option G, 70066 Option A, [70430](#) Option G,  
[70400](#) Option G

|                                    |                        |
|------------------------------------|------------------------|
| Voltage - Maximum                  | 250V                   |
| <b>Solder Process Data</b>         |                        |
| Lead-free Process Capability       | Wave Capable (TH only) |
| <b>Material Info</b>               |                        |
| Old Part Number                    | A-70545-0014           |
| <b>Reference - Drawing Numbers</b> |                        |
| Product Specification              | PS-70400, PS-70541     |
| Sales Drawing                      | SDA-70545-****         |

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