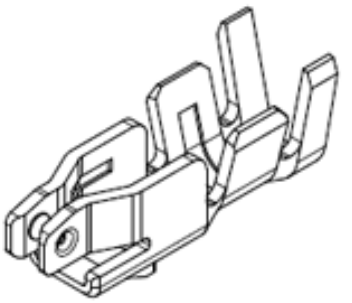
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**Part Number:** 1045398002
**Status:** Active
**Overview:** IllumiMate™ Connector System
**Description:** IllumiMate™ 1.00mm Wire-to-Board Receptacle Terminal, Pre-plated, Tin (Sn)



*Series image - Reference only*

**Documents:**

Drawing (PDF)
Product Specification PS-104127-001 (PDF)
Product Specification PS-104127-002 (PDF)
Product Specification PS-104127-004 (PDF)
Packaging Specification PK-104539-001 (PDF)
RoHS Certificate of Compliance (PDF)

| | |
|---|---|
| **General** | |
| Product Family | Crimp Terminals |
| Series | 104539 |
| Application | Signal |
| Crimp Quality Equipment | Yes |
| Overview | IllumiMate™ Connector System |
| Product Name | IllumiMate™ |
| UPC | 884982701625 |
| **Physical** | |
| Durability (mating cycles max) | 30 |
| Gender | Female |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Net Weight | 0.019/g |
| Packaging Type | Reel |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter | 0.80mm max. |
| Wire Size AWG | 30, 32 |
| Wire Size mm² | 0.03-0.05 |
| **Electrical** | |
| Current - Maximum per Contact | 1.5A |
| Voltage - Maximum | 60V |
| **Solder Process Data** | |
| Lead-freeProcess Capability | N/A |
| **Material Info** | |
| **Reference - Drawing Numbers** | |
| Packaging Specification | PK-104539-001 |
| Product Specification | PS-104127-001, PS-104127-002, PS-104127-004, RPS-104127-002 |
| Sales Drawing | SD-104539-001 |

**EU ELV**
**Not Relevant**

**EU RoHS** | **China RoHS**
**Compliant**

**REACH SVHC**
Not Contained Per -ED/79/2015 (17 December 2015)

**Halogen-Free Status**
**Low-Halogen**

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

Email productcompliance@molex.com
Please visit the Contact Us section for any non-product compliance questions.

| | |
|---|---|
| China ROHS | Green Image |
| ELV | Not Relevant |

**Search Parts in this Series**
104539 Series

**Use With**
IllumiMate™ 1.00mm Wire-to-Board Crimp Housing 104128-0400 , 104128-0500 , 104142-1000 , <br> 104128-0610

**Application Tooling** | **FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

| Description | Product # |
|---|---|
| Hand Crimp Tool for IllumiMate™ 1.25mm Wire-to-Board Crimp Terminals | 0638271000 |

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