

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **1045058003**  
**Status:** **Active**  
**Overview:** IllumiMate™ Connector System  
**Description:** IllumiMate™ 1.25mm Wire-to-Board Connector, Receptacle Terminal, Tin (Sn) Over Copper, 28 AWG

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification PK-104505-001-001 \(PDF\)](#)  
[Product Specification PS-104078-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-104086-003-001 \(PDF\)](#)

**General**

Product Family Crimp Terminals  
Series [104505](#)  
Application Signal  
Crimp Quality Equipment Yes  
Overview [IllumiMate™ Connector System](#)  
Product Name IllumiMate™  
UPC 884982468511

**Physical**

Durability (mating cycles max) 30  
Gender Female  
Material - Metal Copper  
Material - Plating Mating Tin  
Material - Plating Termination Tin  
Net Weight 0.031/g  
Packaging Type Reel  
Termination Interface: Style Crimp or Compression  
Wire Insulation Diameter 0.97mm max.  
Wire Size AWG 28  
Wire Size mm<sup>2</sup> N/A

**Electrical**

Current - Maximum per Contact 1.0A

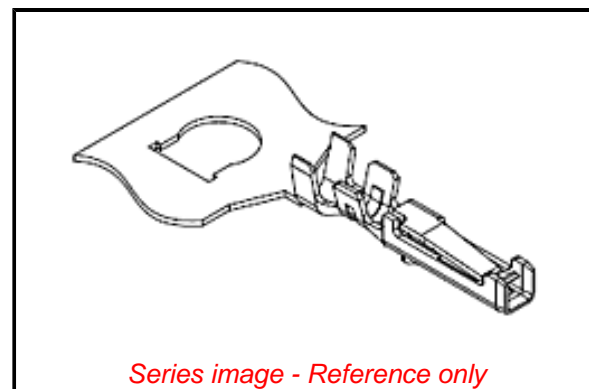
**Solder Process Data**

Lead-freeProcess Capability N/A

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification PK-104505-001-001  
Product Specification PS-104078-001-001, PS-104086-003-001  
Sales Drawing SD-104505-001



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2017 (12  
January 2017)

**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**

[104505](#) Series

**Use With**

[104085-4000](#) , [104077-0600](#) , [104085-0410](#)  
, [104077-0610](#) , [104085-0300](#)

**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 Pitch Crimp Terminal, 28 AWG	<a href="#">0638275000</a>

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