

**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, Pre-plated, Tin (Sn), 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, Wire-to-Board  
Crimp Quality Equipment Yes  
Overview IllumiMate Connector System  
Product Name IllumiMate  
UPC 884982468511

**Physical**

Durability (mating cycles max) 30  
Gender Female  
Material - Metal Phosphor Bronze  
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

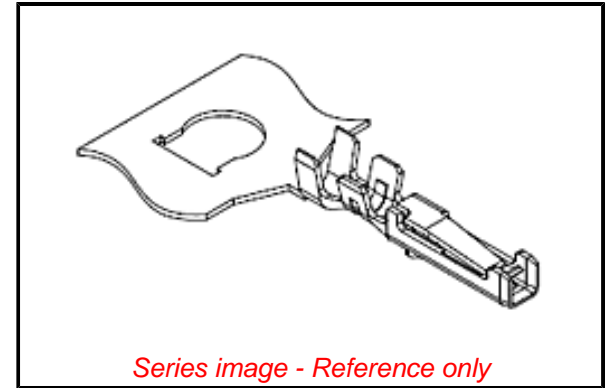
**Solder Process Data**

Lead-freeProcess Capability N/A

**Material Info**

**Reference - Drawing Numbers**

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



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/71/2019 (16 July 2019)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

104505 Series

**Use With**

IllumiMate Housing 1040770600

**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

638275000