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

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 mm² N/A

Electrical

Current - Maximum per Contact 1.0A

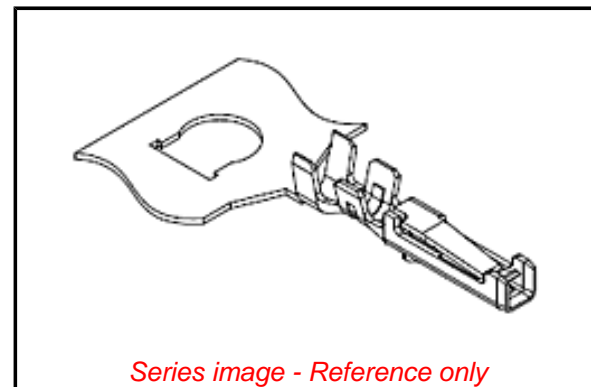
Solder Process Data

Lead-freeProcess Capability N/A

Material Info

Reference - Drawing Numbers

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



EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Contains SVHC(2014 December 17): No

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

[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	0638275000
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