

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 mm² N/A

Electrical

Current - Maximum per Contact 1.0A

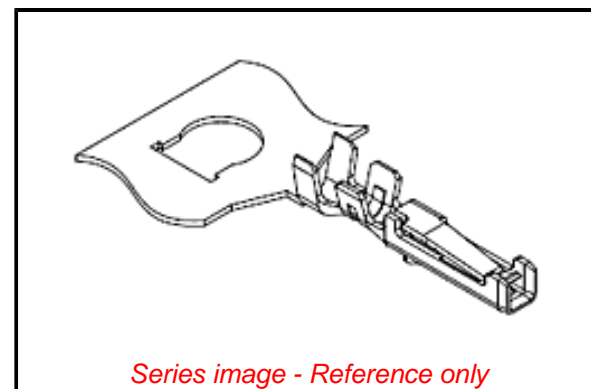
Solder Process Data

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



Series image - Reference only

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	<u>638275000</u>

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Lighting Connectors](#) category:

Click to view products by [Molex](#) manufacturer:

Other Similar products are found below :

[293300-7](#) [293660-5](#) [CNX_H03_NTP](#) [30-9767-BU](#) [3605](#) [3-21030-1](#) [ZCH-110-RGB-I](#) [503471-0290](#) [ZCH-110-RGB-J](#) [217-0716-200](#)
[1954563-1](#) [1-293657-2](#) [2834036-1](#) [2834037-1](#) [1-2213222-4](#) [2-2213222-4](#) [2213222-4](#) [2834122-3](#) [2834122-5](#) [2834135-2](#) [FLA-R4142-30](#)
[FLA-R4162-30](#) [FLA-R2142-30](#) [FLA-R2162-30](#) [FLA-R2161-30](#) [FLA-R0161-30](#) [FLA-R0141-30](#) [FLA-R0142-30](#) [FLA-R0162-30](#) [FLA-C00-](#)
[00](#) [DGA00010553](#) [CNXV04NTP](#) [104128-0610](#) [503485-0000 \(Cut Strip\)](#) [503485-0000 \(Loose Piece\)](#) [503485-0000 \(MINI Reel\)](#) [1-2834074-2](#)
[1-2834074-3](#) [1357-AC PLUG W2C \(CHINA\)](#) [1357-AC PLUG W2 \(USA\)](#) [104266-0110](#) [2106212-1](#) [2-2834074-2](#) [104266-0210](#) [293470-1](#)
[293651-2](#) [293651-4](#) [1-2834006-2](#) [293651-1](#) [2213142-3](#)