

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1045968003](#)
Status: **Active**
Overview: [IllumiMate Connector System](#)
Description: IllumiMate 1.00mm Wire-to-Board Connector, Receptacle Terminal, Pre-plated, Tin (Sn)

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Packaging Specification PK-104596-001-001 \(PDF\)](#)

General

Product Family	Crimp Terminals
Series	104596
Application	Signal, Wire-to-Board
Crimp Quality Equipment	Yes
Overview	IllumiMate Connector System
Product Name	IllumiMate
UPC	887191566498

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.010/g
Packaging Type	Reel
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	0.82mm max.
Wire Size AWG	30, 32
Wire Size mm ²	0.03-0.05

Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	100V

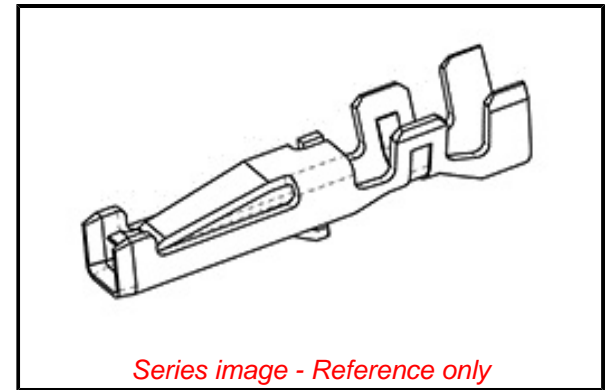
Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Crimp Specification	CS-104596-001-001
Packaging Specification	PK-104596-001-001
Sales Drawing	SD-104596-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/88/2018 (15
January 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

[104596 Series](#)

Use With

IllumiMate 1.00mm Wire-to-Board Crimp Housing [1041920600](#)

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 1.00mm Wire-to-Board Crimp Terminal, 30-32 AWG	638279800
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