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Part Number:

1045968003

Status:

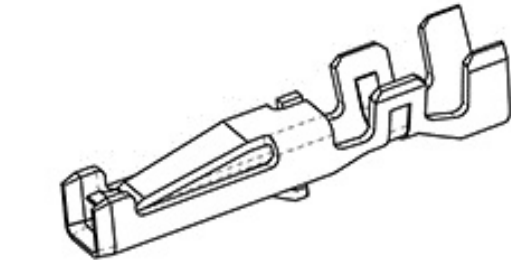
Active

Overview:

IllumiMate Connector System

Description:

IllumiMate 1.00mm Wire-to-Board Connector, Receptacle Terminal, Pre-plated, Tin (Sn)



Series image - Reference only

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 mm²	0.03-0.05
Electrical	
Current - Maximum per Contact	1.0A
Voltage - Maximum	100V
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Crimp Specification	CS-104596-001-001
Packaging Specification	PK-104596-001-001
Sales Drawing	SD-104596-001

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per - ED/61/2018 (27 June 2018)

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

104596 Series

Use With

IllumiMate 1.00mm Wire-to-Board Crimp Housing [104192-0600](#)

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	<a href="#">0638279800</a>

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