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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)

Documents:
Drawing (PDF)   RoHS Certificate of Compliance (PDF)
Packaging Specification PK-104596-001-001 (PDF)

Series image - Reference only

General
Product Family	Crimp Terminals
Series	104596
Application	Signal
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
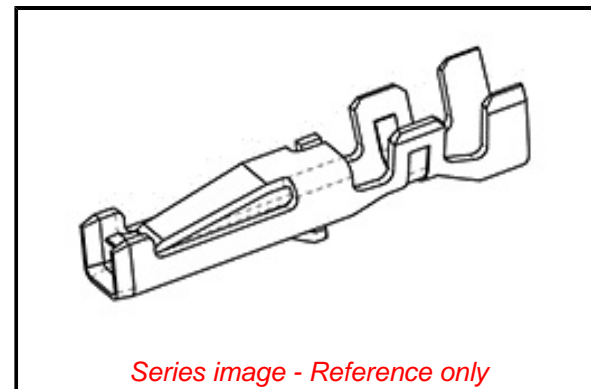
EU ELV
Not Relevant

EU RoHS   **China RoHS**
Compliant
REACH SVHC
Not Contained Per
-ED/01/2018 (15
January 2018)
Halogen-Free
Status
Low-Halogen

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environmental compliance?**

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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	0638279800

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