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Part Number: [1045398002](#)
Status: **Active**
Overview: [IllumiMate Connector System](#)
Description: IllumiMate 1.00mm Wire-to-Board Receptacle Terminal, Pre-plated, Tin (Sn)

Documents:

Drawing (PDF)	Product Specification PS-104127-004-001 (PDF)
Product Specification PS-104127-001-001 (PDF)	Packaging Specification PK-104539-001-001 (PDF)
Product Specification PS-104127-002-001 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	104539
Application	Signal, Wire-to-Board
Crimp Quality Equipment	Yes
Overview	IllumiMate Connector System
Product Name	IllumiMate
UPC	884982701625

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.019/g
Packaging Type	Reel
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	0.80mm max.
Wire Size AWG	30, 32
Wire Size mm ²	0.03-0.05

Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	60V

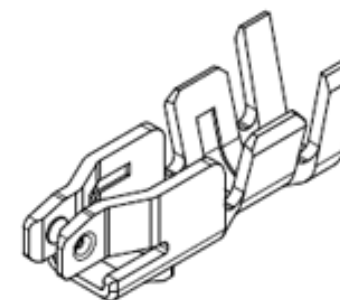
Solder Process Data

Lead-free Process Capability	N/A
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Material Info

Reference - Drawing Numbers

Crimp Specification	CS-104539-001-001
Packaging Specification	PK-104539-001-001
Product Specification	PS-104127-001-001, PS-104127-002-001, PS-104127-004-001
Sales Drawing	SD-104539-001



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

[104539 Series](#)

Use With

IllumiMate 1.00mm Wire-to-Board Crimp Housing [1041280400](#) , [1041280500](#) , [1041421000](#) ,
 [1041280610](#)

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 Wire-to-Board Crimp Terminals	638271000
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