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Part Number: 1045398102
Status: Active
Overview: IllumiMate Connector System
Description: IllumiMate 1.25mm Wire-to-Board Receptacle Terminal, Pre-plated, Tin (Sn)

Documents:
[Drawing \(PDF\)](#)
[Product Specification PS-104130-001-001 \(PDF\)](#)
[Product Specification PS-104130-002-001 \(PDF\)](#)
[Packaging Specification PK-104539-001-001 \(PDF\)](#)
[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 884982703599

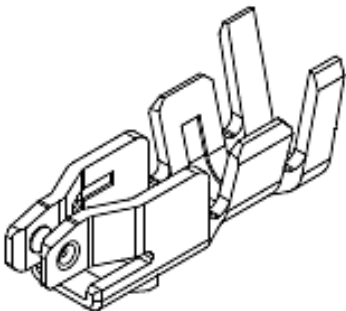
Physical
Durability (mating cycles max) 30
Gender Female
Material - Metal Phosphor Bronze
Material - Plating Mating Tin
Material - Plating Termination Tin
Net Weight 0.019/g
Packaging Type Reel
Termination Interface: Style Crimp or Compression
Wire Insulation Diameter 0.95mm max.
Wire Size AWG 30, 32
Wire Size mm² N/A

Electrical
Current - Maximum per Contact 1.0A
Voltage - Maximum 250V

Solder Process Data
Lead-freeProcess Capability N/A

Material Info

Reference - Drawing Numbers
Crimp Specification CS-104539-001-001
Packaging Specification PK-104539-001-001
Product Specification PS-104130-001-001, PS-104130-002-001
Sales Drawing SD-104539-002



Series image - Reference only

EU ELV
Not Relevant

EU RoHS	China 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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
104539 Series

Use With
IllumiMate 1.25mm Pitch Wire-to-Board Crimp Housing 1041310300 , 1041310500

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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Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

[104539-8102](#) [104539-8102 \(Cut Strip\)](#) [104539-8102 \(Mouser Reel\)](#) [104539-8002 \(Loose Piece\)](#) [104539-8102 \(Loose Piece\)](#)