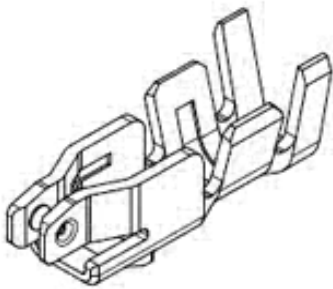




Part Number : [1045398002](#)
Product Description : IllumiMate 1.00mm Wire-to-Board Receptacle Terminal, Pre-plated, Tin (Sn)
Series Number : 104539
Status : Obsolete
Product Category : Crimp Terminals



Documents and Resources

Specifications

[PS-104127-001-001.pdf](#)

Tooling Specifications

[CS-104539-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)6375-DC (05 Nov 2025) SCIP:
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Obsolete
Category	Crimp Terminals
Series	104539
Description	IllumiMate 1.00mm Wire-to-Board Receptacle Terminal, Pre-plated, Tin (Sn)
Application	Signal, Wire-to-Board
Product Name	IllumiMate
UPC	884982701625

Electrical

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

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

Solder Process Data

Lead-Free Process Capability	N/A
------------------------------	-----

Mates With / Use With

Use with Part(s)

Description	Part Number
IllumiMate 1.00mm Pitch Wire-to-Board Crimp Housing, Single Row, Side Lock, 6 Circuits, Natural	<u>1041280610</u>

Application Tooling

Global

Description	Part Number
Hand Crimp Tool for IllumiMate 1.25mm Wire-to-Board Crimp Terminals	<u>638271000</u>

This document was generated on Dec 08, 2025