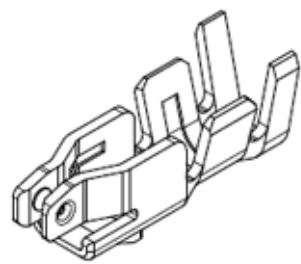# molex

Part Number : 1045398002

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

Series Number : 104539

Status : Not Recommended For New Design

Product Category : Crimp Terminals

Documents & Resources

Tooling Specifications

CS-104539-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	ⓔ
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS

- REACH SVHC

- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C

- IPC 1752A Class D

- Molex Product Compliance Declaration

- IEC-62474

- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Not Recommended For New Design
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

Application Tooling

Global

Description	Part Number

Hand Crimp Tool for IllumiMate 1.25mm Wire-to-Board Crimp Terminals	638271000

This document was generated on Apr 28, 2025