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Part Number: 5023810000
Status: Active
Overview: IllumiMate™ Connector System
Description: CLIK-Mate™ and IllumiMate™ 1.25mm Pitch Wire-to-Board Crimp Terminal, Tin Plating, Reel

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-502382-001-001 \(PDF\)](#)
[Packaging Specification SPK-502381-001-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

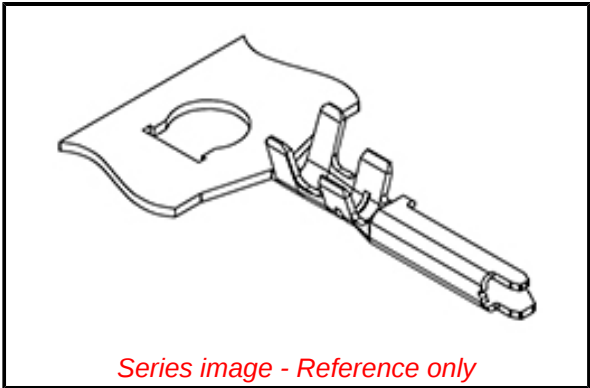
General
Product Family Crimp Terminals
Series 502381
Application Signal
Crimp Quality Equipment Yes
MolexKits Yes
Overview IllumiMate™ Connector System
Product Name CLIK-Mate™, IllumiMate™
UPC 822350895187

Physical
Durability (mating cycles max) 30
Gender Plug
Material - Metal Copper Alloy
Material - Plating Mating Tin over Nickel
Material - Plating Termination Tin over Nickel
Net Weight 14.300/mg
Packaging Type Reel
Plating min - Mating 0.406µm
Termination Interface: Style Crimp or Compression
Wire Insulation Diameter 0.80-1.0mm
Wire Size AWG 26, 28
Wire Size mm² 0.08-0.13

Electrical
Current - Maximum per Contact 1.0A
Voltage - Maximum 50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers
Crimp Specification CS-502381-001-001
Packaging Specification SPK-502381-001-001
Product Specification PS-502382-001-001
Sales Drawing SD-502381-001



Series image - Reference only

EU ELV
Not Relevant
EU RoHS
Compliant
REACH SVHC
Not Contained Per -
ED/21/2016 (20 June
2016)
Halogen-Free
Status
Low-Halogen
**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
[502381](#) Series

Use With
[502380](#) CLIK-Mate™ Housing, [104105](#)
Illuminate Housing, [104099](#) HDR Housing

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Molex:

[502381-0000](#) [502381-0000 \(Cut Strip\)](#) [502381-0000 \(Mouser Reel\)](#) [502381-0000 \(Loose Piece\)](#)