



Part Number : [5023810000](#)

Product Description : CLIK-Mate and IllumiMate
1.25mm Pitch Crimp Terminal, Male, Tin Plating, 28-26
AWG, Reel

Series Number : 502381

Status : Active

Product Category : Crimp Terminals



Documents & Resources

Drawings

[5023810000_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

[SPK-502381-001-001.pdf](#)

[2028120000-000.pdf](#)

[PS-502382-001-001.pdf](#)

Tooling Specifications

[5780343700ATP-E-000.pdf](#)

[5780343700ATS-000.pdf](#)

[5780343700ATP-J-000.pdf](#)

[5780343700ATS-J-000.pdf](#)

[CS-502381-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	 per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC

Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
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	Active
Category	Crimp Terminals
Series	502381
Description	CLIK-Mate and IllumiMate 1.25mm Pitch Crimp Terminal, Male, Tin Plating, 28-26 AWG, Reel
Application	Signal, Wire-to-Board
Product Name	CLIK-Mate,IllumiMate
UPC	822350895187

Electrical

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

Physical

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	29.294/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 mm ²	0.08-0.13

Mates With / Use With

Use with Part(s)

Description	Part Number
1.25mm Pitch CLIK-Mate Single Row Plug Housings	<u>502380</u>

Application Tooling

Global

Description	Part Number
Extraction and Activation Tool	<u>638132700</u>
PremiumGrade Hand Crimp Tool for CLIK-Mate and IllumiMate Wire-to-Board Terminals, 28-26 AWG wire	<u>638194400</u>
FineAdjust Applicator for 1.25mm Pitch Wire-to-Board Connector Dual Plug Terminals, 28-26 AWG	<u>639006600</u>
T2 Terminator Tooling Die for 1.25mm Pitch Wire-to-Board Connector Dual Plug Terminals, 28-26 AWG	<u>639106600</u>

Japan

Description	Part Number
S-1 Applicator for Duo-Clasp, CLIK-Mate, IllumiMate Terminals, 28-26 AWG	<u>5780343700</u>