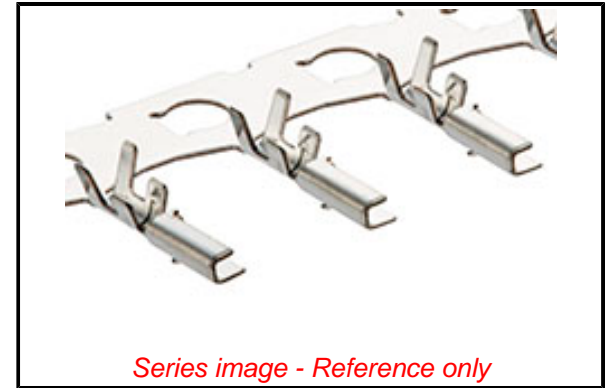


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Part Number: **5023810000**
Status: **Active**
Overview: CLIK-Mate Wire-to-Board Connectors
Description: CLIK-Mate and IllumiMate 1.25mm Pitch Wire-to-Board Crimp Terminal, Tin Plating, Reel



Documents:

[3D Model \(PDF\)](#) [Product Specification PS-502382-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [Packaging Specification SPK-502381-001-001 \(PDF\)](#)
[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification 2028120000-000 \(PDF\)](#)

General

Product Family	Crimp Terminals
Series	502381
Application	Signal, Wire-to-Board
Crimp Quality Equipment	Yes
Overview	CLIK-Mate Wire-to-Board Connectors
Product Name	CLIK-Mate, IllumiMate
UPC	822350895187

Physical

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	29.658/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

Electrical

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

Material Info

Reference - Drawing Numbers

Application Tooling Documents	5780343700ATP-E-000, 5780343700ATP-J-000, 5780343700ATS-000, 5780343700ATS-J-000
Crimp Specification	CS-502381-001-001
Packaging Specification	SPK-502381-001-001
Product Specification	2028120000-000, PS-502382-001-001

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

Not Contained

Search Parts in this Series

[502381](#) Series

Use With

CLIK-Mate Housing [502380](#)

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 #
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Extraction and	638132700
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Activation Tool PremiumGrade	638194400
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Hand Crimp Tool for CLIK-Mate and IllumiMate Wire-to- Board Terminals, 26-28 AWG wire FineAdjust Applicator	639006600
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for 1.25mm Pitch
Wire-to-Board

Connector Dual Plug
Terminals, 26-28

AWG

T2 Terminator 639106600

Tooling Die for
1.25mm Pitch Wire-
to-Board Connector
Dual Plug Terminals,
26-28 AWG

Japan

Description

Product #

Applicator for M211A 5780343000
Bench Press, 26-28

AWG Wire

S-1 Applicator for 5780343700

Duo-Clasp, CLIK-

Mate, IllumiMate

Terminals, 26-28

AWG

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