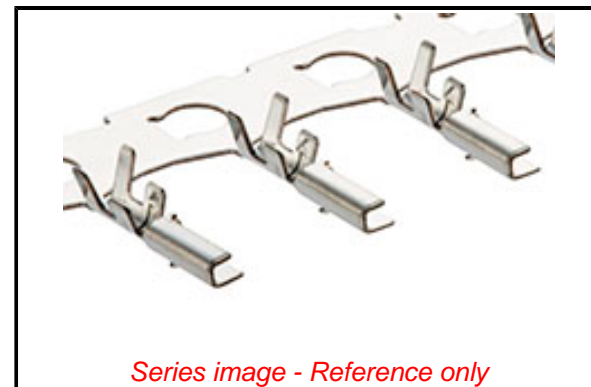


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**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:**

<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-502382-001-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Packaging Specification SPK-502381-001-001 (PDF)</a>
<a href="#">Product Specification 2028120000-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**General**

Product Family	Crimp Terminals
Series	<a href="#">502381</a>
Application	Signal, Wire-to-Board
Crimp Quality Equipment	Yes
Overview	<a href="#">CLIK-Mate Wire-to-Board Connectors</a>
Product Name	CLIK-Mate, IllumiMate
UPC	822350895187

**Physical**

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Copper Alloy
Material - Plating Mating	Tin over Nickel
Material - Plating Termination	Tin over Nickel
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 <sup>2</sup>	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	2028120000-000, PS-502382-001-001
Sales Drawing	SD-502381-001

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/88/2018 (15  
January 2019)

**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**

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