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Part Number:

0002081001

Status:

Active

Overview:

MLX Power Connectors

Description:

MLX Female Crimp Terminal 42024, 14-20 AWG, Reel, Brass, Tin (Sn) Plating

Documents:

Drawing (PDF)

Product Specification PS-42022-0001-001 (PDF)

Test Summary TS-42022-0001-001 (PDF)

Datasheet (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                    |
|--------------------------------|------------------------------------|
| General                        |                                    |
| Product Family                 | Crimp Terminals                    |
| Series                         | 42024                              |
| Application                    | Power, Wire-to-Board, Wire-to-Wire |
| Crimp Quality Equipment        | Yes                                |
| Overview                       | MLX Power Connectors               |
| Packaging Alternative          | 02081002 (Loose)                   |
| Product Name                   | MLX                                |
| UPC                            | 800753615878                       |
| Physical                       |                                    |
| Gender                         | Female                             |
| Material - Metal               | Brass                              |
| Material - Plating Mating      | Tin                                |
| Material - Plating Termination | Tin                                |
| Net Weight                     | 0.406/g                            |
| Packaging Type                 | Reel                               |
| Plating min - Mating           | 0.508µm                            |
| Plating min - Termination      | 0.508µm                            |
| Termination Interface: Style   | Crimp or Compression               |
| Wire Insulation Diameter       | 1.52-3.30mm                        |
| Wire Size AWG                  | 14, 16, 18, 20                     |
| Wire Size mm²                  | N/A                                |

|                             |     |
|-----------------------------|-----|
| Solder Process Data         |     |
| Lead-freeProcess Capability | N/A |

|                    |           |
|--------------------|-----------|
| Material Info      |           |
| Engineering Number | 42024-1A1 |

|                             |                                      |
|-----------------------------|--------------------------------------|
| Reference - Drawing Numbers |                                      |
| Product Specification       | PS-42022-0001-001                    |
| Sales Drawing               | SD-42024-XXXX-001, SD-42024-XXXX-002 |
| Test Summary                | TS-42022-0001-001                    |



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - D(2021)4569-DC (8 July 2021)

Halogen-Free

Status

Low-Halogen

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

China RoHS

Green Image

ELV

Compliant

RoHS Phthalates

Not Contained

Search Parts in this Series

42024 Series

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 #                 |
| Extraction Tool for MLX 2.13mm Diameter Pin and Socket Crimp Terminals   | <a href="#">11010168</a>  |
| PremiumGrade Hand Crimp Tool for MLX Pin and Socket Terminals, 14-20 AWG | <a href="#">638116800</a> |
| FineAdjust Applicator for Crimp Terminals, 14-20 AWG Wire                | <a href="#">639007500</a> |

with 2.08-2.50mm  
Diameter Insulation  
FineAdjust Applicator639009800  
for Crimp Terminals,  
14-20 AWG Wire  
with 2.65-3.30mm  
Diameter Insulation  
FineAdjust Applicator639009900  
for Crimp Terminals,  
14-20 AWG Wire  
with 2.41-2.95mm  
Diameter Insulation  
T2 Terminator 639107500  
for MLX Crimp  
Terminals, 14-20  
AWG  
T2 Terminator 639109800  
Tooling Die for Crimp  
Terminals, 14-20  
AWG Wire  
T2 Terminator 639109900  
Tooling Die for Crimp  
Terminals, 14-20  
AWG Wire

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