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Part Number:

0002082005

Status:

Active

Overview:

MLX Power Connectors

Description:

MLX Male Crimp Terminal 42023, 14-20 AWG, Reel, Phosphor Bronze, Tin (Sn) Plating

Documents:

3D Model

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

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

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

General

Product Family

Series

Application

Crimp Quality Equipment

Overview

Packaging Alternative

Product Name

UPC

Crimp Terminals

42023

Power, Wire-to-Wire

Yes

MLX Power Connectors

02-08-2006 (Loose)

MLX

800753615663

Physical

Gender

Material - Metal

Material - Plating Mating

Material - Plating Termination

Net Weight

Packaging Type

Plating min - Mating

Plating min - Termination

Termination Interface: Style

Wire Insulation Diameter

Wire Size AWG

Wire Size mm²

Male

Phosphor Bronze

Tin

Tin

0.401/g

Reel

0.508µm

0.508µm

Crimp or Compression

1.52-3.30mm

14, 16, 18, 20

N/A

Solder Process Data

Lead-freeProcess Capability

N/A

Material Info

Engineering Number

42023-2B1

Reference - Drawing Numbers

Product Specification

Sales Drawing

PS-42022-0001-001, TS-42022-0001-001

SD-42023-****



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per -

ED/61/2018 (27 June

2018)

Halogen-Free

Status

Low-Halogen

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

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

42023 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	11010168
Hand Crimp Tool	638116800
for Pin and Socket	
Crimp Terminals	
FineAdjust Applicator	639007500
for Crimp Terminals,	
14-20 AWG Wire	
with 2.08-2.50mm	
Diameter Insulation	
FineAdjust Applicator	639009800
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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Mouser Electronics

Authorized Distributor

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Molex:

[02-08-2005](#) [02-08-2005 \(Cut Strip\)](#) [02-08-2005 \(Mouser Reel\)](#)