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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:

[Drawing \(PDF\)](#) [Datasheet \(PDF\)](#)
[Product Specification PS-42022-0001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Test Summary TS-42022-0001-001 \(PDF\)](#)

General

Product Family Crimp Terminals
Series 42023
Application Power, Wire-to-Wire
Crimp Quality Equipment Yes
Overview MLX Power Connectors
Packaging Alternative 02082006 (Loose)
Product Name MLX
UPC 800753615663

Physical

Gender Male
Material - Metal Phosphor Bronze
Material - Plating Mating Tin
Material - Plating Termination Tin
Net Weight 0.401/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

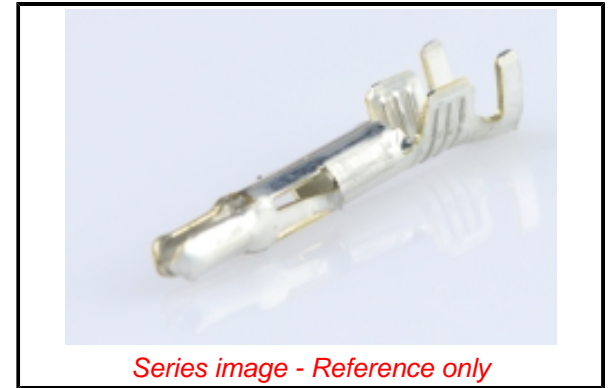
Lead-freeProcess Capability N/A

Material Info

Engineering Number 42023-2B1

Reference - Drawing Numbers

Product Specification PS-42022-0001-001
Sales Drawing SD-42023-XXXX-001, SD-42023-XXXX-002
Test Summary TS-42022-0001-001



Series image - Reference only

EU ELV

Not Relevant

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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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

for MLX 2.13mm
Diameter Pin and
Socket Crimp
Terminals

PremiumGrade 638116800

Hand Crimp Tool for
MLX Pin and Socket
Terminals, 14-20
AWG

FineAdjust Applicator639007500

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 Applicator 639009900
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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[02-08-2005](#) [02-08-2005 \(Cut Strip\)](#) [02-08-2005 \(Mouser Reel\)](#)