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Part Number: [0366640002](#)
Status: **Active**
Overview: [MLX Power Connectors](#)
Description: MLX Crimp Terminal 42024, 10-12 AWG, Loose, Tin (Sn)

Documents:

Drawing (PDF)	Datasheet (PDF)
Product Specification PS-36663-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	36663
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	Current – Maximum per contact 20A if used with 36663 and 36664 terminal
Crimp Quality Equipment Overview	Yes
Packaging Alternative	MLX Power Connectors
Product Name	366640001 (Reel)
UPC	MLX 822348518142

Physical

Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.405/g
Packaging Type	Bag
Plating min - Mating	0.508µm
Plating min - Termination	0.508µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	5.08mm max.
Wire Size AWG	10, 12
Wire Size mm ²	3.30, 5.25

Electrical

Current - Maximum per Contact	20.0A
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Solder Process Data

Duration at Max. Process Temperature (seconds)	010
Lead-free Process Capability	WAVE
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Product Specification	PS-36663-001-001
Sales Drawing	SD-36664-001-001



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

[36663](#) Series

Use With

[42021](#) Plug, [42022](#) Receptacle. MLX Double Crimp Terminal [36663](#) , MLX Crimp Terminal [36664](#)

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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Hand Crimp Tool for MLX Crimp Terminals, 10-12 AWG	638114700
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Extraction Tool for MLX 10-12 AWG 2.24mm Diameter Pin and Socket Crimp Terminals	638246100
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