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Part Number: [0050842090](#)
Status: **Active**
Overview: MLX™ Power Connectors
Description: 2.13mm Diameter MLX™ Pin and Socket Receptacle, 9 Circuits

Documents:

[3D Model](#) [Product Specification TS-42022-0001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-42022-0001-001 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family Crimp Housings
 Series [42022](#)
 Application Power, Wire-to-Wire
 Comments Glow Wire Equivalent Part Number [36644-0006](#). Current – Maximum per contact 20A if used with [36663](#) and [36664](#) terminal
 MolexKits Yes
 Overview [MLX™ Power Connectors](#)
 Product Name MLX™
 UPC 800753577473

Physical

Circuits (maximum) 9
 Circuits Detail 9
 Color - Resin Natural
 Flammability 94V-2
 Gender Receptacle
 Glow-Wire Compliant No
 Keying to Mating Part None
 Lock to Mating Part Yes
 Material - Resin Nylon
 Net Weight 6.878/g
 Number of Rows 3
 Packaging Type Carton
 Panel Mount Yes
 Pitch - Mating Interface 6.35mm
 Polarized to Mating Part Yes
 Stackable No
 Temperature Range - Operating -55°C to +105°C

Electrical

Current - Maximum per Contact 20.0A

Solder Process Data

Lead-freeProcess Capability N/A

Material Info

Engineering Number 42022-9A

Reference - Drawing Numbers

Product Specification PS-42022-0001-001, TS-42022-0001-001
 Sales Drawing SD-42022-**



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/30/2017 (7 July 2017)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[42022](#) Series

Mates With

[42021](#) MLX™ Power Crimp Housing Plug

Use With

MLX™ Crimp Terminal [42023](#) , [42024](#)

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