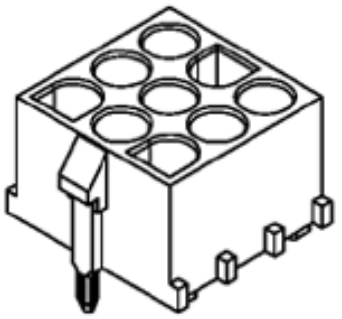
molex
one company > a world of innovation

This document was generated on 09/25/2014

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 36766-0003
Status: Active
Overview: MLX™ Power Connectors
Description: 6.35mm Pitch MLX™ Power Connector Header, Vertical, with Plastic Polarizing Peg, 4 Circuits, Polyester 94V-2, Tin Plating, White (Translucent), Lead-Free



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-42022-0001 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

UL	E29179

General

Product Family	PCB Headers
Series	43255
Application	Board-to-Board, Power, Wire-to-Board
Overview	MLX™ Power Connectors
Product Name	MLX™
UPC	884982399020

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Natural
Durability (mating cycles max)	50
First Mate / Last Break	No
Flammability	94V-2
Glow-Wire Compliant	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	2.631/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	4.30mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Packaging Type	Bag
Pitch - Mating Interface	6.35mm
Pitch - Termination Interface	6.35mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	20A, 9A

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
43255Series

Mates With
42021 MLX™ Power Crimp Housing Plug,
42024 MLX Crimp Terminal

Voltage - Maximum	600V

Solder Process Data

Lead-free Process Capability	Wave Capable (TH only)

Material Info

Reference - Drawing Numbers

Product Specification	PS-42022-0001
Sales Drawing	SDA-43255-00**

This document was generated on 09/25/2014

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION