

Stackable

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| Part Number:<br>Status:<br>Overview:<br>Description: | 0366430002<br>Active<br>MLX <sup>™</sup> Power Connectors<br>2.13mm Diameter MLX <sup>™</sup> Pl<br>Glow Wire Compatible | ug Housing, 2 Circuit, PA Polyamide Nylon 6/6 94V-2,       |   |
|--|--|--|---|
| Documents:<br>3D Model<br>Drawing (PDF)              |  | RoHS Certificate of Compliance (PDF)                       |   |
| Agency Certification                                 |  |  | Series image - Reference only                               |
| CSA  | •  | LR19980  |   |
| UL   |  | E29179   | EU ELV  |
| 01   |  | 220110   | Not Relevant  |
| General  |  |  | Hot Relevant  |
| Product Family                                       |  | Crimp Housings   | EU RoHS China RoHS  |
| Series   |  | <u>36643</u>   | REACH SVHC  |
| Application  |  | Power, Wire-to-Wire  | Not Reviewed  |
| Comments   |  | This Molex product is manufactured from material           | Halogen-Free  |
|  |  | that has the following ratings, tested by independent      | Status  |
|  |  | agencies :. a) A Glow Wire Ignition Temperature (GWIT)     | Not Reviewed  |
|  |  | of at least 775 deg C per IEC 60695-2-13 b) A Glow         | Need more information on product                            |
|  |  | Wire Flammability Index (GWFI) above 850 deg C             | environmental compliance?                                   |
|  |  | per IEC 60695-2-12.and hence complies with the             |   |
|  |  | requirements set out in the International Standard IEC     | Email productcompliance@molex.com                           |
|  |  | 60335-1 5th edition - household and similar electrical     | Please visit the Contact Us section for any                 |
|  |  | appliances - safety; section 30 Resistance to heat         | non-product compliance questions.                           |
|  |  | and fire. <p><p>The customers using this product</p></p>   |   |
|  |  | must determine its suitability for use in their particular | ELV Not Relevant  |
|  |  | application through testing or other acceptable means      |   |
|  |  | as described in end-product glow-wire flammability         |   |
|  |  | test standard IEC 60695-2-11 and any applicable            | Search Parts in this Series                                 |
|  |  | product end-use standard(s). <p>If it is determined</p>    | 36643 Series  |
|  |  | during the customer's evaluation of suitability, that      |   |
|  |  | higher performance is required, please contact Molex for   | Mates With  |
|  |  | possible product options.                                  | 42022 Diameter MLX <sup>™</sup> Pin and Socket              |
| Overview   |  | MLX <sup>™</sup> Power Connectors                          | Receptacle  |
| Product Name   |  | MLX™   |   |
| UPC  |  | 800756934167   |   |
|  |  |  | Use With  |
| Physical   |  |  | MLX <sup>™</sup> Crimp Terminal <u>42023</u> , <u>42024</u> |
| Circuits (maximum)                                   |  | 2  |   |
| Circuits Detail                                      |  | 2  |   |
| Color - Resin  |  | Natural  |   |
| Flammability   |  | 94V-2  |   |
| Gender   |  | Plug   |   |
| Glow-Wire Compliant                                  |  | Yes  |   |
| Keying to Mating Part                                |  | None   |   |
| Lock to Mating Part                                  |  | Yes  |   |
| Material - Resin                                     |  | Nylon  |   |
| Net Weight   |  | 2.200/g  |   |
| Number of Rows                                       |  | 1  |   |
| Packaging Type                                       |  | Bag  |   |
| Panel Mount  |  | No   |   |
| Pitch - Mating Interfac                              |  | 6.35mm   |   |
| Polarized to Mating P                                | art  | Yes  |   |
| Stackable  |  | No   |   |

No

| Temperature Range - Operating               | -55°C to +105°C |
|---|-----------------|
| Electrical<br>Current - Maximum per Contact | 20.0A           |
| Material Info                               |                 |

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