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Part Number:

0050842042

Status:

Active

Overview:

MLX™ Power Connectors

Description:

2.13mm Diameter MLX™ Pin and Socket Receptacle, 4 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-42022-0001 (PDF)

RoHS Certificate of Compliance (PDF)

|                                    |                                                                                                                      |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Agency Certification</b>        |                                                                                                                      |
| CSA                                | LR19980                                                                                                              |
| UL                                 | E29179                                                                                                               |
| <b>General</b>                     |                                                                                                                      |
| Product Family                     | Crimp Housings                                                                                                       |
| Series                             | 42022                                                                                                                |
| Application                        | Power, Wire-to-Wire                                                                                                  |
| Comments                           | Glow Wire Equivalent Part Number 36644-0004. Current – Maximum per contact 20A if used with 36663 and 36664 terminal |
| Overview                           | MLX™ Power Connectors                                                                                                |
| Product Name                       | MLX™                                                                                                                 |
| UPC                                | 800754386579                                                                                                         |
| <b>Physical</b>                    |                                                                                                                      |
| Circuits (maximum)                 | 4                                                                                                                    |
| Circuits Detail                    | 4                                                                                                                    |
| Color - Resin                      | Natural                                                                                                              |
| Flammability                       | 94V-0                                                                                                                |
| Gender                             | Female                                                                                                               |
| Glow-Wire Compliant                | No                                                                                                                   |
| Keying to Mating Part              | None                                                                                                                 |
| Lock to Mating Part                | Yes                                                                                                                  |
| Material - Resin                   | Nylon                                                                                                                |
| Net Weight                         | 4.130/g                                                                                                              |
| Number of Rows                     | 1                                                                                                                    |
| 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                                                                                                      |
| <b>Electrical</b>                  |                                                                                                                      |
| Current - Maximum per Contact      | 20.0A                                                                                                                |
| <b>Solder Process Data</b>         |                                                                                                                      |
| Lead-freeProcess Capability        | N/A                                                                                                                  |
| <b>Material Info</b>               |                                                                                                                      |
| Old Part Number                    | 4202204C                                                                                                             |
| <b>Reference - Drawing Numbers</b> |                                                                                                                      |
| Product Specification              | PS-42022-0001                                                                                                        |
| Sales Drawing                      | SD-42022-**                                                                                                          |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

Compliant

REACH SVHC

Contains SVHC(17. December 2014): No

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

Green Image

ELV

Not Relevant

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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