



**Part Number :** [1054110102](#)  
**Product Description :** Mega-Fit Plug Housing,  
Dual Row, 2 Circuit, UL 94V-0, Glow-Wire  
Capable, Free Hanging  
**Series Number :** 105411  
**Status :** Active  
**Product Category :** Connector Housings



Documents & Resources

**Drawings**  
[Drawing 1054110102\\_sd.pdf](#)  
[Packaging Design Drawing 1054110100-000.pdf](#)

**3D Models and Design Files**  
[3D Model 1054110102\\_stp.zip](#)

**Specifications**  
[Application Specification 768232000-AS-000.pdf](#)  
[Product Specification 1054171000-PS-000.pdf](#)  
[Product Specification 1054171000-PS-CH-000.pdf](#)  
[Product Specification 1054171000-PS-KO-000.pdf](#)  
[Product Specification 1054171000-PS-SPA-000.pdf](#)

Product Environment Compliance

Compliance

|                    |                                                |
|--------------------|------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                   |
| China RoHS         |                                                |
| EU ELV             | Not Relevant                                   |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21             |
| REACH SVHC         | Not Contained per D(2023)3788-DC (14 Jun 2023) |
| EU RoHS            | Compliant per EU 2015/863                      |

Multiple Part Product Compliance Statements  
- Eu RoHS  
- REACH SVHC  
- Low-Halogen

## Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

---

### Part Details

#### General

|                |                                                                                                                                                         |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                                                                                  |
| Category       | Circular Industrial Cordsets                                                                                                                            |
| Series         | 120065                                                                                                                                                  |
| Description    | Micro-Change (M12) Single-Ended Cordset with Knurled Hexnut, 4 Poles, Female (Straight) to Pigtail, 22 AWG, Black TPU WSOR Cable, 15.0m (49.21') Length |
| IP Rating      | IP67                                                                                                                                                    |
| Product Family | Brad M8 and M12 Cordsets with Knurled Hexnuts and WSOR Cable                                                                                            |
| Product Name   | Micro-Change (M12)                                                                                                                                      |
| Region         | Europe                                                                                                                                                  |
| Type           | Single Ended                                                                                                                                            |
| UPC            | 887191649023                                                                                                                                            |

#### Agency

|    |         |
|----|---------|
| UL | E152210 |
|----|---------|

#### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 4.0A |
| Voltage - Maximum             | 60V  |

#### Physical

|                      |                    |
|----------------------|--------------------|
| Cable Diameter       | 5.10mm (.201")     |
| Cable Length         | 15.0m (49.21')     |
| Color - Cable Jacket | Black              |
| Connector End A      | Micro-Change (M12) |

|                               |                          |
|-------------------------------|--------------------------|
| Connector End B               | Pigtail                  |
| Coupling Style                | Knurled Hexnut, Threaded |
| Gender                        | Female-Pigtail           |
| Keyway                        | Single                   |
| LED Indicator                 | No                       |
| Material - Cable Jacket       | TPU                      |
| Material - Connector Body     | TPU                      |
| Material - Contact            | Brass                    |
| Material - Coupling Nut       | Nickel-plated Brass      |
| Material - O-Ring             | Fluoro-elastomer         |
| Material - Plating Mating     | Gold                     |
| Net Weight                    | 554.700/g                |
| Orientation                   | Straight to Pigtail      |
| Poles                         | 4                        |
| Temperature Range - Operating | -25° to +85°C            |
| Wire/Cable Type               | UL 21215                 |
| Wire Size (AWG)               | 22                       |