



**Part Number :** [2178421121](#)  
**Product Description :** Pre-Crimped Lead Mizu-P25 Male-to-Mizu-P25 Male, Tin (Sn) Plating, 75.00mm Length, 20 AWG, Black  
**Series Number :** 217842  
**Status :** Active  
**Product Category :** Power and Signal Cable Assemblies



## Documents & Resources

**Drawings**  
[2178421121\\_sd.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               | Power and Signal Cable Assemblies                                                                |
| Series                 | 217842                                                                                           |
| Description            | Pre-Crimped Lead Mizu-P25 Male-to-Mizu-P25 Male, Tin (Sn) Plating, 75.00mm Length, 20 AWG, Black |
| Application            | Signal, Wire-to-Wire                                                                             |
| Assembly Configuration | Pre-crimped Lead Only                                                                            |
| Connector to Connector | Mizu-P25 Crimp Terminals                                                                         |
| Keyword                | Pre-Crimped Leads                                                                                |
| Product Name           | Mizu-P25                                                                                         |
| UPC                    | 195842149960                                                                                     |

### Electrical

|                   |      |
|-------------------|------|
| Voltage - Maximum | 125V |
|-------------------|------|

### Physical

|                                |                      |
|--------------------------------|----------------------|
| Cable Length                   | 75.00mm              |
| Circuits (Loaded)              | 1                    |
| Circuits (maximum)             | 1                    |
| Color - Resin                  | Black                |
| Gender                         | Male-Male            |
| Material - Metal               | Phosphor Bronze      |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 0.715/g              |
| Packaging Type                 | Bag                  |
| Single Ended                   | No                   |
| Termination Interface Style    | Crimp or Compression |
| Wire/Cable Type                | UL 10002             |
| Wire Insulation Diameter       | 1.40-1.90mm          |
| Wire Size (AWG)                | 20                   |

---

Use with Part(s)

| Description                       | Part Number  |
|-----------------------------------|--------------|
| Mizu-P25 Waterproof Plug Housings | <u>52266</u> |

---