

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [2178431125](#)  
**Status:** **Active**  
**Overview:** [Off-the-Shelf Pre-Crimped Leads](#)  
**Description:** Pre-Crimped Lead Mizu-P25 Male-to-Pigtail, Tin (Sn) Plating, 450.00mm Length, 20 AWG, Black

**Documents:**

[Drawing \(PDF\)](#)

[Datasheet \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

**General**

|                        |   |
|------------------------|---|
| Product Family         | Cable Assemblies                                |
| Series                 | <a href="#">217843</a>                          |
| Application            | Signal, Wire-to-Wire                            |
| Assembly Configuration | Pre-crimped Lead Only                           |
| Connector to Connector | Mizu-P25 Terminal-to-Pigtail                    |
| Overview               | <a href="#">Off-the-Shelf Pre-Crimped Leads</a> |
| Product Name           | Mizu-P25  |
| UPC                    | 195842150102                                    |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Cable Length                   | 450.00mm             |
| Circuits (Loaded)              | 1                    |
| Color - Resin                  | Black                |
| Gender                         | Male-Pigtail         |
| Material - Metal               | Phosphor Bronze      |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 3.017/g              |
| Packaging Type                 | Bag                  |
| Single Ended                   | Yes                  |
| Termination Interface: Style   | Crimp or Compression |
| Wire Insulation Diameter       | 1.40-1.90mm          |
| Wire Size AWG                  | 20                   |
| Wire/Cable Type                | UL 10002             |

**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

|               |                |
|---------------|----------------|
| Sales Drawing | 2178431121-000 |
|---------------|----------------|



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[217843 Series](#)

**Use With**

Mizu-P25 2.50mm Pitch Waterproof Plug  
Housing [52266](#)