



Part Number : [357480210](#)

Series Number : [35748](#)

Product Category : [Crimp Terminals](#)

Product Description : [VersaBlade Female Crimp Terminal, 18-14 AWG, Type B](#)

Status : [Active](#)

Documents & Resources

Drawings

[Drawing 357480210\\_sd.pdf](#)

3D Models and Design Files

[3D Model 357480210\\_stp.zip](#)

Specifications

- [Application Specification 351500000AS\\_ENG-000.pdf](#)
- [Packaging Specification PK-35748-002-001.pdf](#)
- [Product Specification PS-35182-003-001.pdf](#)
- [Product Specification PS-35150-001-001.pdf](#)
- [Product Specification PS-35150-003-001.pdf](#)
- [Product Specification 351800400-001.pdf](#)
- [Product Specification 351800600-001.pdf](#)

Tooling Specifications

- [Crimp Specification CS-35745-001-001.pdf](#)
- [Crimp Specification CS-35745-001-002.pdf](#)

Product Environment Compliance

Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44                                                           |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                        |
| REACH SVHC         | Not Contained per D(2024)4144-DC (27 June 2024)                                       |
| 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

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### Part Details

#### General

|                |                                                        |
|----------------|--------------------------------------------------------|
| Status         | Active                                                 |
| Category       | Crimp Terminals                                        |
| Series         | 35748                                                  |
| Description    | VersaBlade Female Crimp Terminal,<br>18-14 AWG, Type B |
| Application    | Power, Wire-to-Wire                                    |
| Product Family | VersaBlade Wire-to-Wire Connector<br>System            |
| Product Name   | VersaBlade                                             |
| UPC            | 800754249867                                           |

#### Physical

|                                |                      |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30                   |
| Gender                         | Female               |
| Material - Metal               | Phosphor Bronze      |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 0.106/g              |
| Packaging Type                 | Reel                 |
| Termination Interface Style    | Crimp or Compression |
| Wire Insulation Diameter       | 3.40mm max.          |
| Wire Size (AWG)                | 14, 16, 18           |
| Wire Size mm <sup>2</sup>      | 0.85-2.00            |

#### Solder Process Data

|                              |     |
|------------------------------|-----|
| Lead-Free Process Capability | N/A |
|------------------------------|-----|

## Use with Part(s)

| Description                                                                                         | Part Number                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| VersaBlade Hybrid Receptacle Housing, without Mounting Ears, 4 Circuits, Natural                    | <a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351500400.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351500400.html</a> |
| VersaBlade Hybrid Receptacle Housing, without Mounting Ears, 4 Circuits, Blue                       | <a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351500404.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351500404.html</a> |
| VersaBlade Hybrid Receptacle Housing, without Mounting Ears, 4 Circuits, Natural, Glow-Wire Capable | <a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351500409.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351500409.html</a> |
| VersaBlade Hybrid Receptacle Housing, with Mounting Ears, 4 Circuits, Natural                       | <a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351500410.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351500410.html</a> |
| VersaBlade Hybrid Receptacle Housing, with Mounting Ears, 4 Circuits, Red                           | <a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351500412.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351500412.html</a> |
| VersaBlade Hybrid Receptacle Housing, with Mounting Ears, 4 Circuits, Blue                          | <a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351500414.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351500414.html</a> |
| VersaBlade Hybrid Receptacle Housing, with Mounting Ears, 4 Circuits, Natural, Glow-Wire Capable    | <a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351500419.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351500419.html</a> |
| VersaBlade Hybrid Receptacle Housing, with Mounting Ears, 4 Circuits, Yellow, Glow-Wire Capable     | <a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351503419.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351503419.html</a> |
| VersaBlade Hybrid Receptacle Housing, with Mounting Ears, 4 Circuits, Blue, Glow-Wire Capable       | <a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351504419.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351504419.html</a> |
| VersaBlade Hybrid Plug Housing, 3 Circuits, Positive Lock, Natural                                  | <a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351510310.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351510310.html</a> |
| VersaBlade Hybrid Plug Housing, 3 Circuits, Positive Lock, Blue                                     | <a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351510314.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351510314.html</a> |
| VersaBlade Hybrid Plug Housing, 3 Circuits, Positive Lock, Natural, Glow-Wire Capable               | <a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351510319.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351510319.html</a> |

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|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| VersaBlade Hybrid Plug Housing, 3 Circuits, Positive Lock, Yellow, Glow-Wire Capable                                 | <a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351513319.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351513319.html</a>   |
| VersaBlade Hybrid Plug Housing, 3 Circuits, Positive Lock, Blue, Glow-Wire Capable                                   | <a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351514319.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351514319.html</a>   |
| VersaBlade Hybrid Plug Housing, 4 Circuits, Positive Lock, Natural                                                   | <a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351510410.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351510410.html</a>   |
| VersaBlade Hybrid Plug Housing, 4 Circuits, Positive Lock, Red                                                       | <a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351510412.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351510412.html</a>   |
| VersaBlade Hybrid Plug Housing, 4 Circuits, Positive Lock, Blue                                                      | <a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351510414.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351510414.html</a>   |
| VersaBlade Hybrid Plug Housing, 4 Circuits, Positive Lock, Natural, Glow-Wire Capable                                | <a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351510419.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351510419.html</a>   |
| VersaBlade Hybrid Plug Housing, 6 Circuits, Positive Lock, Natural                                                   | <a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351510610.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351510610.html</a>   |
| VersaBlade Hybrid Plug Housing, 6 Circuits, Positive Lock, Blue                                                      | <a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351510614.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351510614.html</a>   |
| VersaBlade Hybrid Plug Housing, 6 Circuits, Positive Lock, Natural, Glow-Wire Capable                                | <a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351510619.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351510619.html</a>   |
| VersaBlade Hybrid Plug Housing, 4 Circuits, Positive Lock, Yellow, Glow-Wire Capable                                 | <a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351513419.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351513419.html</a>   |
| VersaBlade Hybrid Plug Housing, 6 Circuits, Positive Lock, Yellow, Glow-Wire Capable                                 | <a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351513619.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351513619.html</a>   |
| VersaBlade Hybrid Plug Housing, 4 Circuits, Positive Lock, Blue, Glow-Wire Capable                                   | <a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351514419.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351514419.html</a>   |
| VersaBlade Hybrid Plug Housing, 6 Circuits, Positive Lock, Blue, Glow-Wire Capable                                   | <a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351514619.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351514619.html</a>   |
| VersaBlade Multi-Module 2-2 Hybrid Receptacle Housing, without Mounting Ears, 4 Circuits, Natural, Glow-Wire Capable | <a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/2041020429.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/2041020429.html</a> |

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|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| VersaBlade Multi-Module 2-2 Hybrid Receptacle Housing, with Mounting Ears, 4 Circuits, Natural                    | <a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351800400.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351800400.html</a> |
| VersaBlade Multi-Module 2-2 Hybrid Receptacle Housing, with Mounting Ears, 4 Circuits, Blue                       | <a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351800404.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351800404.html</a> |
| VersaBlade Multi-Module 2-2 Hybrid Receptacle Housing, with Mounting Ears, 4 Circuits, Natural, Glow-Wire Capable | <a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351800409.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351800409.html</a> |
| VersaBlade Multi-Module 2-2 Hybrid Receptacle Housing, with Mounting Ears, 4 Circuits, Yellow, Glow-Wire Capable  | <a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351803409.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351803409.html</a> |
| VersaBlade Multi-Module 2-2 Hybrid Receptacle Housing, with Mounting Ears, 4 Circuits, Blue, Glow-Wire Capable    | <a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351804409.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351804409.html</a> |
| VersaBlade Multi-Module Hybrid Plug Housing, 2 Circuits, Friction Lock, Type C, Natural                           | <a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351810220.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351810220.html</a> |
| VersaBlade Multi-Module Hybrid Plug Housing, 2 Circuits, Positive Lock, Type C, Natural                           | <a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/359650220.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/359650220.html</a> |
| VersaBlade Multi-Module Hybrid Plug Housing, 2 Circuits, Positive Lock, Type C, Natural, Glow-Wire Capable        | <a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/359659220.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/359659220.html</a> |
| VersaBlade Multi-Module Hybrid Plug Housing, 2 Circuits, Positive Lock, Type C, Yellow, Glow-Wire Capable         | <a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/359659223.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/359659223.html</a> |
| VersaBlade Multi-Module Hybrid Plug Housing, 2 Circuits, Positive Lock, Type C, Blue, Glow-Wire Capable           | <a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/359659224.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/359659224.html</a> |

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## Application Tooling

### Global

| Description                                     | Part Number               |
|-------------------------------------------------|---------------------------|
| Extraction and Activation Tool                  | <a href="#">638132700</a> |
| Hand Crimp Tool for 1.80mm-Wide Crimp Terminals | <a href="#">638190600</a> |
| T2 Terminator Die                               | <a href="#">638529100</a> |

|                                                                                                                                           |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| FineAdjust Applicator for Male and Female VersaBlade Crimp Terminals, 18-14 AWG Wire with Insulation Diameter 2.80-3.40mm for IPC Class 2 | <u>638629100</u> |
|-------------------------------------------------------------------------------------------------------------------------------------------|------------------|