# molex

**Part Number :** 357480310
**Product Description :** VersaBlade Female Crimp Terminal, Double 20+20, 20+18 or 18+18 AWG, Type B
**Series Number :** 35748
**Status :** Active
**Product Category :** Crimp Terminals

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## Documents & Resources

**Drawings**

357480310_sd.pdf

**3D Models and Design Files**

STEP AP242

SOLIDWORKS

Creo

**Specifications**

351500000AS_ENG-000.pdf

351500000AS_KOR-000.pdf

PK-35748-003-001.pdf

PS-35182-003-001.pdf

PS-35150-001-001.pdf

PS-35150-003-001.pdf

351800400-001.pdf

351800600-001.pdf

**Tooling Specifications**

CS-35745-001-001.pdf

CS-35745-001-002.pdf

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## Product Environment Compliance

**Compliance**

| GADSL/IMDS | Not Relevant |
|---|---|
| China RoHS | ⊕ per SJ/T 11365-2006 |

| EU ELV | Not Relevant |
|---|---|
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)4165-DC (25 June 2025) |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

## Part Details

### General

| Status | Active |
|---|---|
| Category | Crimp Terminals |
| Series | 35748 |
| Description | VersaBlade Female Crimp Terminal, Double 20+20, 20+18 or 18+18 AWG, Type B |
| Application | Power, Wire-to-Wire |
| Product Name | VersaBlade |
| UPC | 800754249874 |

### Physical

| Durability (mating cycles max) | 30 |
|---|---|
| Gender | Female |
| Material - Metal | Phosphor Bronze |

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|---|---|
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Net Weight | 0.333/g |
| Packaging Type | Reel |
| Termination Interface Style | Crimp or Compression |
| Wire Insulation Diameter | 2.8mm + 2.8mm max. |
| Wire Size (AWG) | 18+18, 20+20, 20+18 |
| Wire Size mm$^2$ | 2(0.50-0.85) |

**Solder Process Data**

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

## Mates With / Use With

**Use with Part(s)**

| Description | Part Number |
|---|---|
| VersaBlade Hybrid Receptacle Housing, without Mounting Ears, 4 Circuits, Natural | 351500400 |
| VersaBlade Hybrid Receptacle Housing, without Mounting Ears, 4 Circuits, Blue | 351500404 |
| VersaBlade Hybrid Receptacle Housing, without Mounting Ears, 4 Circuits, Natural, Glow-Wire Capable | 351500409 |
| VersaBlade Hybrid Receptacle Housing, with Mounting Ears, 4 Circuits, Natural | 351500410 |
| VersaBlade Hybrid Receptacle Housing, with Mounting Ears, 4 Circuits, Red | 351500412 |
| VersaBlade Hybrid Receptacle Housing, with Mounting Ears, 4 Circuits, Blue | 351500414 |
| VersaBlade Hybrid Receptacle Housing, with Mounting Ears, 4 Circuits, Natural, Glow-Wire Capable | 351500419 |
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|---|---|
| VersaBlade Hybrid Receptacle Housing, with Mounting Ears, 4 Circuits, Yellow, Glow-Wire Capable | 351503419 |
| VersaBlade Hybrid Receptacle Housing, with Mounting Ears, 4 Circuits, Blue, Glow-Wire Capable | 351504419 |
| VersaBlade Hybrid Plug Housing, 3 Circuits, Positive Lock, Natural | 351510310 |
| VersaBlade Hybrid Plug Housing, 3 Circuits, Positive Lock, Blue | 351510314 |
| VersaBlade Hybrid Plug Housing, 3 Circuits, Positive Lock, Natural, Glow-Wire Capable | 351510319 |
| VersaBlade Hybrid Plug Housing, 3 Circuits, Positive Lock, Yellow, Glow-Wire Capable | 351513319 |
| VersaBlade Hybrid Plug Housing, 3 Circuits, Positive Lock, Blue, Glow-Wire Capable | 351514319 |
| VersaBlade Hybrid Plug Housing, 4 Circuits, Positive Lock, Natural | 351510410 |
| VersaBlade Hybrid Plug Housing, 4 Circuits, Positive Lock, Red | 351510412 |
| VersaBlade Hybrid Plug Housing, 4 Circuits, Positive Lock, Blue | 351510414 |
| VersaBlade Hybrid Plug Housing, 4 Circuits, Positive Lock, Natural, Glow-Wire Capable | 351510419 |
| VersaBlade Hybrid Plug Housing, 6 Circuits, Positive Lock, Natural | 351510610 |
| VersaBlade Hybrid Plug Housing, 6 Circuits, Positive Lock, Blue | 351510614 |
| VersaBlade Hybrid Plug Housing, 6 Circuits, Positive Lock, Natural, Glow-Wire Capable | 351510619 |
| VersaBlade Hybrid Plug Housing, 4 Circuits, Positive Lock, Yellow, Glow-Wire Capable | 351513419 |
| VersaBlade Hybrid Plug Housing, 6 Circuits, Positive Lock, Yellow, Glow-Wire Capable | 351513619 |
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|---|---|
| VersaBlade Hybrid Plug Housing, 4 Circuits, Positive Lock, Blue, Glow-Wire Capable | 351514419 |
| VersaBlade Hybrid Plug Housing, 6 Circuits, Positive Lock, Blue, Glow-Wire Capable | 351514619 |
| VersaBlade Multi-Module 2-2 Hybrid Receptacle Housing, without Mounting Ears, 4 Circuits, Natural, Glow-Wire Capable | 2041020429 |
| VersaBlade Multi-Module 2-2 Hybrid Receptacle Housing, with Mounting Ears, 4 Circuits, Natural | 351800400 |
| VersaBlade Multi-Module 2-2 Hybrid Receptacle Housing, with Mounting Ears, 4 Circuits, Blue | 351800404 |
| VersaBlade Multi-Module 2-2 Hybrid Receptacle Housing, with Mounting Ears, 4 Circuits, Natural, Glow-Wire Capable | 351800409 |
| VersaBlade Multi-Module 2-2 Hybrid Receptacle Housing, with Mounting Ears, 4 Circuits, Yellow, Glow-Wire Capable | 351803409 |
| VersaBlade Multi-Module 2-2 Hybrid Receptacle Housing, with Mounting Ears, 4 Circuits, Blue, Glow-Wire Capable | 351804409 |
| VersaBlade Multi-Module Hybrid Plug Housing, 2 Circuits, Friction Lock, Type C, Natural | 351810220 |
| VersaBlade Multi-Module Hybrid Plug Housing, 2 Circuits, Positive Lock, Type C, Natural | 359650220 |
| VersaBlade Multi-Module Hybrid Plug Housing, 2 Circuits, Positive Lock, Type C, Natural, Glow-Wire Capable | 359659220 |
| VersaBlade Multi-Module Hybrid Plug Housing, 2 Circuits, Positive Lock, Type C, Yellow, Glow-Wire Capable | 359659223 |
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|---|---|
| VersaBlade Multi-Module Hybrid Plug Housing, 2 Circuits, Positive Lock, Type C, Blue, Glow-Wire Capable | 359659224 |

## Application Tooling

## Global

| Description | Part Number |
|---|---|
| Extraction and Activation Tool | 638132700 |
| Hand Crimp Tool for 1.80mm-Wide Crimp Terminals | 638190700 |
| T2 Terminator Die | 638529200 |
| FineAdjust Applicator | 638629200 |
| FineAdjust Applicator for VersaBlade .070 Male and Female Terminals, 20+20AWG, 20+18 AWG and 18+18 AWG | 639044000 |

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