



Part Number : [357450310](#)

Product Description : VersaBlade Male Crimp Terminal, Double 20+20, 20+18 or 18+18 AWG, Type A

Series Number : 35745

Status : Active

Product Category : Crimp Terminals

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## Documents & Resources

### Drawings

[Drawing 357450310\\_sd.pdf](#)

### 3D Models and Design Files

[3D Model 357450310\\_stp.zip](#)

### Specifications

[Application Specification 351500000AS\\_ENG-000.pdf](#)

[Packaging Specification PK-35745-001-001.pdf](#)

[Product Specification PS-35182-003-001.pdf](#)

[Product Specification PS-35150-001-001.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](#)

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## 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	35745
Description	VersaBlade Male Crimp Terminal, Double 20+20, 20+18 or 18+18 AWG, Type A
Application	Power, Wire-to-Wire
Product Family	VersaBlade Wire-to-Wire Connector System
Product Name	VersaBlade
UPC	800754378451

### Physical

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Brass
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 <sup>2</sup>	2(0.50-0.85)

## Solder Process Data

Lead-Free Process Capability	N/A
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### Use with Part(s)

Description	Part Number
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>
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, 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, 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, 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, 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 2-3-4 Hybrid Receptacle Housing, 9 Circuits, Full Flange Panel Mount, Natural, Glow-Wire Capable	<a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/2026500909.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/2026500909.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>
VersaBlade Multi-Module 4-2 Hybrid Receptacle Housing, 6 Circuits, Natural, Glow-Wire Capable	<a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/2041020609.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/2041020609.html</a>
VersaBlade Multi-Module Hybrid Plug Housing, 4 Circuits, Friction Lock, Natural, Glow-Wire Capable	<a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/2041020409.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/2041020409.html</a>
VersaBlade Multi-Module 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/2041020419.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/2041020419.html</a>
VersaBlade Multi-Module Hybrid Plug Housing, 2 Circuits, Friction Lock, Type B, Natural	<a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351810210.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351810210.html</a>
VersaBlade Multi-Module Hybrid Plug Housing, 2 Circuits, Friction Lock, Type B, Blue	<a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351810214.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/351810214.html</a>
VersaBlade Multi-Module Hybrid Plug Housing, 2 Circuits, Positive Lock, Type B, Natural, Glow-Wire Capable	<a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/359659210.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/359659210.html</a>
VersaBlade Multi-Module Hybrid Plug Housing, 2 Circuits, Positive Lock, Type B, Yellow, Glow-Wire Capable	<a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/359659213.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/359659213.html</a>
VersaBlade Hybrid Receptacles Housings and TPAs	<a href="#"><u>35150</u></a>
VersaBlade Multi-Module Hybrid Receptacle Housings	<a href="#"><u>35180</u></a>

VersaBlade Multi-Module 2-3-4 Hybrid Receptacle Housings	<u>35524</u>
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**Application Tooling**

**Global**

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

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