



Part Number : [357450310](#)

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

Series Number : 35745

Status : Active

Product Category : Crimp Terminals



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](#)

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(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	Crimp Terminals
Series	35745
Description	VersaBlade Male Crimp Terminal, 18+18, 20+20 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
Wire Size mm ²	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	/content/molex/molex-dot-com/us/en/products/product-page.html/351510310.html
VersaBlade Hybrid Plug Housing, 3 Circuits, Positive Lock, Blue	/content/molex/molex-dot-com/us/en/products/product-page.html/351510314.html
VersaBlade Hybrid Plug Housing, 3 Circuits, Positive Lock, Natural, Glow-Wire Capable	/content/molex/molex-dot-com/us/en/products/product-page.html/351510319.html
VersaBlade Hybrid Plug Housing, 4 Circuits, Positive Lock, Natural	/content/molex/molex-dot-com/us/en/products/product-page.html/351510410.html
VersaBlade Hybrid Plug Housing, 4 Circuits, Positive Lock, Red	/content/molex/molex-dot-com/us/en/products/product-page.html/351510412.html
VersaBlade Hybrid Plug Housing, 4 Circuits, Positive Lock, Blue	/content/molex/molex-dot-com/us/en/products/product-page.html/351510414.html
VersaBlade Hybrid Plug Housing, 4 Circuits, Positive Lock, Natural, Glow-Wire Capable	/content/molex/molex-dot-com/us/en/products/product-page.html/351510419.html
VersaBlade Hybrid Plug Housing, 6 Circuits, Positive Lock, Natural	/content/molex/molex-dot-com/us/en/products/product-page.html/351510610.html
VersaBlade Hybrid Plug Housing, 6 Circuits, Positive Lock, Blue	/content/molex/molex-dot-com/us/en/products/product-page.html/351510614.html
VersaBlade Hybrid Plug Housing, 6 Circuits, Positive Lock, Natural, Glow-Wire Capable	/content/molex/molex-dot-com/us/en/products/product-page.html/351510619.html
VersaBlade Hybrid Plug Housing, 3 Circuits, Positive Lock, Yellow, Glow-Wire Capable	/content/molex/molex-dot-com/us/en/products/product-page.html/351513319.html
VersaBlade Hybrid Plug Housing, 4 Circuits, Positive Lock, Yellow, Glow-Wire Capable	/content/molex/molex-dot-com/us/en/products/product-page.html/351513419.html

VersaBlade Hybrid Plug Housing, 6 Circuits, Positive Lock, Yellow, Glow-Wire Capable	/content/molex/molex-dot-com/us/en/products/product-page.html/351513619.html
VersaBlade Hybrid Plug Housing, 3 Circuits, Positive Lock, Blue, Glow-Wire Capable	/content/molex/molex-dot-com/us/en/products/product-page.html/351514319.html
VersaBlade Hybrid Plug Housing, 4 Circuits, Positive Lock, Blue, Glow-Wire Capable	/content/molex/molex-dot-com/us/en/products/product-page.html/351514419.html
VersaBlade Hybrid Plug Housing, 6 Circuits, Positive Lock, Blue, Glow-Wire Capable	/content/molex/molex-dot-com/us/en/products/product-page.html/351514619.html
VersaBlade Multi-Module 2-3-4 Hybrid Receptacle Housing, 9 Circuits, Full Flange Panel Mount, Natural, Glow-Wire Capable	/content/molex/molex-dot-com/us/en/products/product-page.html/2026500909.html
VersaBlade Multi-Module 2-2 Hybrid Receptacle Housing, without Mounting Ears, 4 Circuits, Natural, Glow-Wire Capable	/content/molex/molex-dot-com/us/en/products/product-page.html/2041020429.html
VersaBlade Multi-Module 4-2 Hybrid Receptacle Housing, 6 Circuits, Natural, Glow-Wire Capable	/content/molex/molex-dot-com/us/en/products/product-page.html/2041020609.html
VersaBlade Multi-Module Hybrid Plug Housing, 4 Circuits, Friction Lock, Natural, Glow-Wire Capable	/content/molex/molex-dot-com/us/en/products/product-page.html/2041020409.html
VersaBlade Multi-Module Hybrid Plug Housing, 4 Circuits, Positive Lock, Natural, Glow-Wire Capable	/content/molex/molex-dot-com/us/en/products/product-page.html/2041020419.html
VersaBlade Multi-Module Hybrid Plug Housing, 2 Circuits, Friction Lock, Type B, Natural	/content/molex/molex-dot-com/us/en/products/product-page.html/351810210.html
VersaBlade Multi-Module Hybrid Plug Housing, 2 Circuits, Friction Lock, Type B, Blue	/content/molex/molex-dot-com/us/en/products/product-page.html/351810214.html
VersaBlade Multi-Module Hybrid Plug Housing, 2 Circuits, Positive Lock, Type B, Natural, Glow-Wire Capable	/content/molex/molex-dot-com/us/en/products/product-page.html/359659210.html
VersaBlade Multi-Module Hybrid Plug Housing, 2 Circuits, Positive Lock, Type B, Yellow, Glow-Wire Capable	/content/molex/molex-dot-com/us/en/products/product-page.html/359659213.html
VersaBlade Hybrid Receptacles Housings and TPAs	<u>35150</u>
VersaBlade Multi-Module Hybrid Receptacle Housings	<u>35180</u>

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>0638132700</u>
Hand Crimp Tool for 1.80mm-Wide Crimp Terminals	<u>0638190700</u>
T2 Terminator Die	<u>0638529200</u>
FineAdjust Applicator	<u>0638629200</u>
FineAdjust Applicator for VersaBlade .070 Male and Female Terminals, 20+20AWG, 20+18 AWG and 18+18 AWG	<u>0639044000</u>

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