Part Number : 357480310

Product Description : VersaBlade Female Crimp Terminal, 18+18, 20+20 AWG, Type B

Series Number : 35748

Status : Active

Product Category : Crimp Terminals

Documents & Resources

Drawings

Drawing 357480310_sd.pdf

3D Models and Design Files

3D Model 357480310_stp.zip

Specifications

Application Specification 351500000AS_ENG-000.pdf
Packaging Specification PK-35748-003-001.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	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 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

Part Details

General

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

Physical

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

Use with Part(s)

Description	Part Number
VersaBlade Hybrid Receptacle Housing, without Mounting Ears, 4 Circuits, Natural	/content/molex/molex-dot-com/us/en/products/product-page.html/351500400.html
VersaBlade Hybrid Receptacle Housing, without Mounting Ears, 4 Circuits, Blue	/content/molex/molex-dot-com/us/en/products/product-page.html/351500404.html
VersaBlade Hybrid Receptacle Housing, without Mounting Ears, 4 Circuits, Natural, Glow-Wire Capable	/content/molex/molex-dot-com/us/en/products/product-page.html/351500409.html
VersaBlade Hybrid Receptacle Housing, with Mounting Ears, 4 Circuits, Natural	/content/molex/molex-dot-com/us/en/products/product-page.html/351500410.html
VersaBlade Hybrid Receptacle Housing, with Mounting Ears, 4 Circuits, Red	/content/molex/molex-dot-com/us/en/products/product-page.html/351500412.html
VersaBlade Hybrid Receptacle Housing, with Mounting Ears, 4 Circuits, Blue	/content/molex/molex-dot-com/us/en/products/product-page.html/351500414.html
VersaBlade Hybrid Receptacle Housing, with Mounting Ears, 4 Circuits, Natural, Glow-Wire Capable	/content/molex/molex-dot-com/us/en/products/product-page.html/351500419.html
VersaBlade Hybrid Receptacle Housing, with Mounting Ears, 4 Circuits, Yellow, Glow-Wire Capable	/content/molex/molex-dot-com/us/en/products/product-page.html/351503419.html
VersaBlade Hybrid Receptacle Housing, with Mounting Ears, 4 Circuits, Blue, Glow-Wire Capable	/content/molex/molex-dot-com/us/en/products/product-page.html/351504419.html
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, 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, 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, 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, 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, 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 2-2 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 2-2 Hybrid Receptacle Housing, with Mounting Ears, 4 Circuits, Natural	/content/molex/molex-dot-com/us/en/products/product-page.html/351800400.html
VersaBlade Multi-Module 2-2 Hybrid Receptacle Housing, with Mounting Ears, 4 Circuits, Blue	/content/molex/molex-dot-com/us/en/products/product-page.html/351800404.html
VersaBlade Multi-Module 2-2 Hybrid Receptacle Housing, with Mounting Ears, 4 Circuits, Natural, Glow-Wire Capable	/content/molex/molex-dot-com/us/en/products/product-page.html/351800409.html
VersaBlade Multi-Module 2-2 Hybrid Receptacle Housing, with Mounting Ears, 4 Circuits, Yellow, Glow-Wire Capable	/content/molex/molex-dot-com/us/en/products/product-page.html/351803409.html
VersaBlade Multi-Module 2-2 Hybrid Receptacle Housing, with Mounting Ears, 4 Circuits, Blue, Glow-Wire Capable	/content/molex/molex-dot-com/us/en/products/product-page.html/351804409.html
VersaBlade Multi-Module Hybrid Plug Housing, 2 Circuits, Friction Lock, Type C, Natural	/content/molex/molex-dot-com/us/en/products/product-page.html/351810220.html
VersaBlade Multi-Module Hybrid Plug Housing, 2 Circuits, Positive Lock, Type C, Natural	/content/molex/molex-dot-com/us/en/products/product-page.html/359650220.html
VersaBlade Multi-Module Hybrid Plug Housing, 2 Circuits, Positive Lock, Type C, Natural, Glow-Wire Capable	/content/molex/molex-dot-com/us/en/products/product-page.html/359659220.html
VersaBlade Multi-Module Hybrid Plug Housing, 2 Circuits, Positive Lock, Type C, Yellow, Glow-Wire Capable	/content/molex/molex-dot-com/us/en/products/product-page.html/359659223.html
VersaBlade Multi-Module Hybrid Plug Housing, 2 Circuits, Positive Lock, Type C, Blue, Glow-Wire Capable	/content/molex/molex-dot-com/us/en/products/product-page.html/359659224.html

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