molex

Part Number : 357450410

Product Description : VersaBlade Male Crimp Terminal, 24 AWG, Type A

Series Number : 35745

Status : Active

Product Category : Crimp Terminals

Documents & Resources

Drawings
Drawing_357450410_sd.pdf

3D Models and Design Files
3D Model_357450410_stp.zip

Specifications
Application Specification_351500000AS_ENG-000.pdf
Packaging Specification_PK-35745-001-001.pdf
Product Specification_351800400-001.pdf
Product Specification_351800600-001.pdf

Tooling Specifications
Crimp Specification_CS-35745-002-001.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)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS

- REACH SVHC

- Low-Halogen

<u>Multiple Part Industry Compliance Documents</u>

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

<u>EU RoHS Certificate of Compliance</u>

Part Details

General

Status	Active
Category	Crimp Terminals
Series	35745
Description	VersaBlade Male Crimp Terminal, 24 AWG, Type A
Application	Power, Wire-to-Wire
Product Family	VersaBlade Wire-to-Wire Connector System
Product Name	VersaBlade
UPC	756054339091

Physical

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.253/g
Packaging Type	Reel
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.45mm max.
Wire Size (AWG)	24
Wire Size mm²	0.29

Solder Process Data

Lead-Free Process Capability	N/A

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	35150
VersaBlade Multi-Module Hybrid Receptacle Housings	35180
VersaBlade Multi-Module 2-3-4 Hybrid Receptacle Housings	35524

Application Tooling

Global

Description	Part Number
Extraction and Activation Tool	0638132700
Hand Crimp Tool for Industry Standard 1.78mm Tab Terminals, 24-26 AWG Wire	0638196900
FineAdjust Applicator for .070 Male and Female Crimp Terminals, 24 AWG	0639044200
T2 Terminator for .070 Female Crimp Terminal	0639120700

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