

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0357450310](#)
Status: **Active**
Overview: [VersaBlade Wire-to-Wire Connector System](#)
Description: [VersaBlade Male Crimp Terminal, 18+18, 20+20 AWG, Type A](#)

Documents:

Drawing (PDF)	Application Specification 351500000ASENG-000 (PDF)
3D Model (PDF)	Application Specification 351500000ASKOR-000 (PDF)
3D Model	Packaging Specification PK-35745-001-001 (PDF)
Product Specification 351800400-001 (PDF)	Datasheet (PDF)
Product Specification 351800600-001 (PDF)	Brochure (PDF)
Product Specification PS-35150-001-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-35182-003-001 (PDF)	

General

Product Family	Crimp Terminals
Series	35745
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	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)

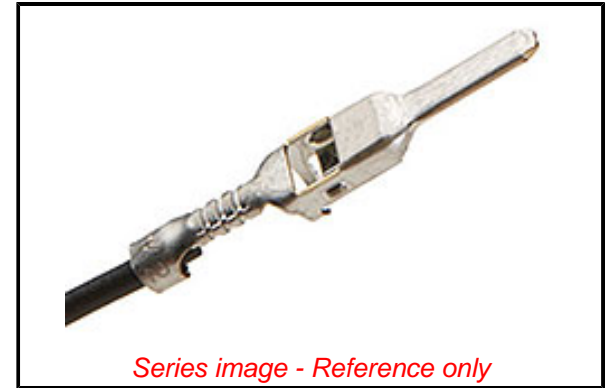
Solder Process Data

Lead-freeProcess Capability	N/A
-----------------------------	-----

Material Info

Reference - Drawing Numbers

Application Specification	351500000AS_ENG-000 , 351500000AS_KOR-000
Crimp Specification	CS-35745-001-001 , CS-35745-001-002
Packaging Specification	PK-35745-001-001
Product Specification	351800400-001 , 351800600-001 , PS-35150-001-001 , PS-35182-003-001
Sales Drawing	SD-35745-002



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[35745 Series](#)

Use With

VersaBlade Standard Receptacle Housings [35150](#)
VersaBlade Standard Plug Housings [351510310](#) , [351510314](#) , [351510319](#) , [351513319](#) , [351514319](#) , [351510410](#) , [351510412](#) , [351510414](#) , [351510419](#) , [351513419](#) , [351514419](#) , [351510610](#) , [351510612](#) , [351510614](#) , [351510619](#) , [351513619](#) , [351514619](#)
VersaBlade Multi-Module Receptacle Housings [35180](#) , [35524](#) , [2026500909](#) , [2041020609](#) , [2041020429](#)
VersaBlade Multi-Module Plug Housings [351810210](#) , [351810214](#) , [359659210](#) , [359659213](#) , [2041020409](#) , [2041020419](#)

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global**Description****Product #**

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>

This document was generated on 07/17/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION