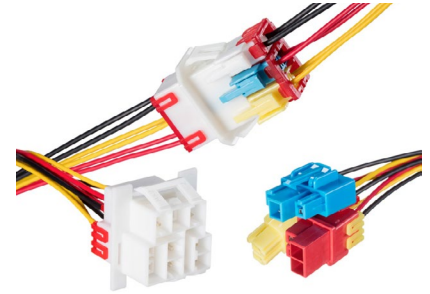


VersaBlade Wire-to-Wire Connector System >

VersaBlade Wire-to-Wire Connectors deliver reliable power transmission with superior mating reliability, polarization and easy harness assembly. Designed to meet the evolving demands of modern electronic systems, the VersaBlade connector is a versatile and reliable solution that addresses the need for compact, durable and high-performance connections in a wide range of electronic and electrical applications.



VersaBlade Wire-to-Wire Connector System

ADVANTAGES AND FEATURES

Helps ensure inter-mateability with existing parts

These connectors can be mated with existing plug housing and terminals for easier operation and purchase from customers.

Provides superior mating reliability and polarization facilitating easy harness assembly

Reliable signal and power transmission at 300V and 15.0A benefits the Makers of food preparation equipment and home appliance manufacturers.

Improves reliability with robust connections

Positive locking secures the connector with a high retention force even in rugged operations and environments.

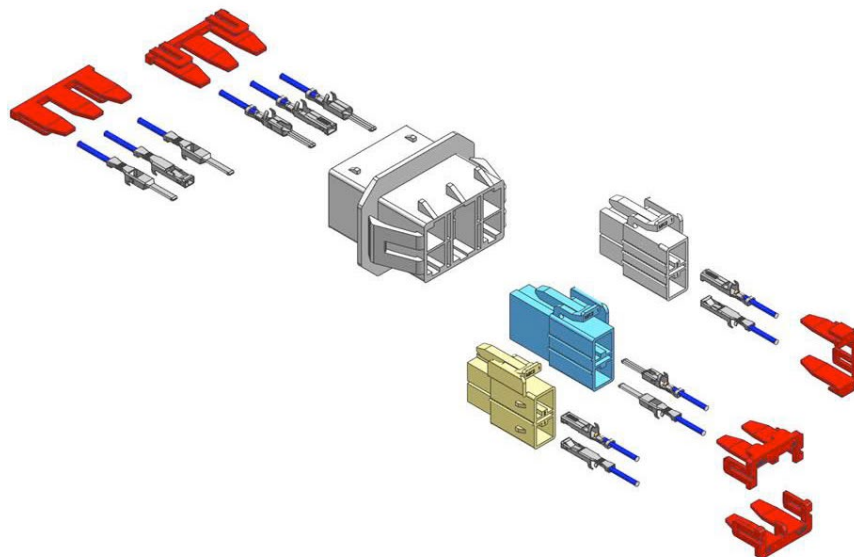
Voltage (max.)	300V
Current (max.)	12.0A
Contact Insertion Force (max.)	3.5kgf
Contact Resistance	10 milliohms
Insulation Resistance	100 Megohms
Operating Temperature	-40 to +110°C

Meets the customer needs for home appliance safety standards

These glow-wire-capable connectors support equipment and personnel safety.

Enables easy panel mount and ensures strong retention force

Panel mounting increases reliability and protects from damage.



VersaBlade Wire-to-Wire Connector System >

MARKETS AND APPLICATIONS

Appliances

Refrigerators
Washing machines
Microwave ovens
Air conditioners

Home Energy Storage

Heat pumps
Heating and ventilation systems



Heat Pumps



Microwave Ovens

SPECIFICATIONS

Reference Information

Packaging:

Housing - Poly Bag

Terminal - Reel

UL File No.: E29179

CSA File No.: LR19980

RoHS: Compliant

Low Halogen: No

Glow Wire Compliant: Yes

Mechanical

Contact Insertion Force (max.): 2.5kgf

Contact Retention to Housing (min.): 4.0kgf

Durability (max.): 30 Cycles

Electrical

Voltage (max.): 300V

Current (max.): 12.0A

Contact Resistance: 10 milliohms

Dielectric Withstanding Voltage: 1,600V AC

Insulation Resistance: 100 Megohms

Physical

Housing: Polyethylene Terephthalate /

Polycarbonate (PET/PC) - Natural

Operating Temperature: -40 to 110°C

VersaBlade Wire-to-Wire Connector System

ORDERING INFORMATION

Series No.	Type	Component	Available Circuit or Wire Size
35150	Standard housing	Standard plug housing and TPA	1, 2, 3, 4, 6 circuits
35151		Standard receptacle housing	1, 2, 3, 4, 6 circuits
35180	Hybrid housing	Hybrid multi-module male housing	2, 4, 6 circuits
35182		TPA for standard male and female housing	1, 2, 3 circuits
35187		TPA for hybrid multi-module female housing	3 circuits
35524		Hybrid multi-module male housing	9 circuits
35745	Terminal	Male terminal, type A	14 to 24 AWG
35746		Female terminal, type A	14 to 24 AWG
35747		Male terminal, type B	14 to 24 AWG
35748		Female terminal, type B	14 to 24 AWG
35965	TPA	Hybrid multi-module female housing and TPA	2 circuits
49547		TPA, upper, for hybrid multi-module female housing	3 circuits
49548		TPA, lower, for hybrid multi-module female housing	3 circuits
104081		TPA for standard female housing	2 circuits
204102	Hybrid housing	Hybrid multi-module male housing	2, 4, 6, 8 circuits
202650		Hybrid multi-module male housing	9 circuits
217347	High temperature	Receptacle housing	2, 3, 4 circuits
217348		Plug housing	2, 3, 4 circuits
2173478100		Male terminal	18 to 20 AWG
2173488100		Female terminal	18 to 20 AWG
217347		TPA	2, 3 circuits

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