

## QUICK DISCONNECTS



















**PRODUCT DRAWING** 



3D PDF

TE CONNECTIVITY (TE)

187 ULTRA-FAST FLAG 16-14 TPBR

Ultra-Fast | 187

3-520340-2

TE Internal Number: 3-520340-2

Always EU RoHS/ELV Compliant

Mating Tab Width 4.75 mm [.187 in]

Mating Tab Thickness .81 mm [.032 in]

Wire Insulation Diameter (Max) 4.7 mm [.185 in]

Wire Size (AWG) 16 - 14

Wire Size (mm<sup>2</sup>) 1.31 - 2.08

**Product Drawings** 

RECEPTACLE ASSEMBLY, ULTRA-FAST FLAG, 4.75 [.187] SERIES

PDF **English** 

**CAD Files** 

Customer View Model

3D STP.ZIP

Customer View Model

3D\_IGS.ZIP English

**Customer View Model** 

2D\_DXF.ZIP English

3D PDF

PDF English

Catalog Pages/Data Sheets

Ultra-Fast And Ultra Fast Plus

PDF **English** 

**Product Specifications** 

**Product Specification** Ultra-Fast Fully Insulated FASTON Receptacle Terminals

PDF English

Product Environmental Compliance

TE Material Declaration MD\_3-520340-2\_06092014739\_dmtec

PDF **English** 

Please review product documents or contact us for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features    PastTON   Yes			
Wire/Cable Composition Wire/Cable Type Insulated Wee Juper Insulated Wee Support Yes Insulation Support Support Style Applies To Wire/Cable  Configuration Features Paired No  Electrical Characteristics Voltage (Max) (V) 600  Body Features Plating Material Fully Insulated Yes  Contact Features Terminal Orientation Contact Plating Material Tin  Termination Features Cimp Type Tab-Lok  Dimensions Mating Tab Width A,75 mm [.187 in] Wire Insulation Demeter (Max) Wire Insulation Demeter (Max) Wire Size (AWX) 16 – 14 Wire Size (AWX) 16 – 14 Wire Size (AWX) 13.08 mm [.515 in]  Usage Conditions UL Rating UL Flammability Rating UL Flammability Rating UL Standards UL Flammability Rating UL 194V-2	Product Type Features	Disconnect Type	Quick Disconnect Pin
Wine/Cable Type   Insulated   Yes   Insulated   Yes   Insulated   Yes   Insulated Wire Support   Yes   Support Style   Insulation Support   Applies To   Wire/Cable		FASTON	Yes
Insulated Wire Support Yes Support Style Insulation Support Applies To Wire/Cable  Configuration Features Paired No  Bectrical Characteristics Voltage (Maxi IV) 600  Body Features Plating Material Tin Fully Insulated Yes  Contact Features Terminal Orientation Fag Contact Plating Material Tin  Termination Features Terminal Orientation Tin  Termination Features Crimp Type Tab-Lok  Dimensions Mating Tab Width 4.75 mm [.187 in] Mating Tab Thickness .81 mm [.032 in] Wire Insulation Demeter (Max) 4.7 mm [.185 in] Wire Size (AWS) 16 – 14 Wire Size (mm²) 1.31 – 2.08 Overall Length 13.08 mm [.515 in]  Usage Conditions Operating Temperature Range (°C) 105  Industry Standards UL Rating UL Standards UL Flammability Rating UL 94V-2		Wire/Cable Composition	Stranded
Insulated Wire Support  Support Style Insulation Support Applies To Wire/Cable  Configuration Features Paired No  Configuration Features Paired No  Electrical Characteristics Voltage (Max) (V) 600  Body Features Plating Material Fully Insulated Yes  Contact Features Terminal Orientation Flag Contact Plating Material Tin  Termination Features Crimp Type Tab-Lok  Dimensions Mating Tab Width 4.75 mm I . 187 in I Mating Tab Thickness .81 mm I .032 in I Wire Insulation Diameter (Max) 4.7 mm I . 185 in I Wire Size (AWG) 16 – 14 Wire Size (AWG) 16 – 14 Use Size (Imm²) 1.31 – 2.08 Overall Length UL Rating UL Rating UL Flammability Rating UL Flammability Rating UL Flammability Rating UL Flammability Rating UL P4V-2		Wire/Cable Type	Discrete Wire
Support Style Applies To Wire/Cable  Configuration Features Paired No  Configuration Features Paired No  Electrical Characteristics Voltage (Max) (V) 600  Body Features Plating Material Fully Insulated Yes  Contact Features Terminal Orientation Flag Contact Plating Material Tin  Termination Features Crimp Type Tab-Lok  Dimensions Mating Tab Width Mating Tab Width Mating Tab Thickness 8.1 mm [.032 in] Wire Insulation Diameter (Max) Wire Size (AWG) 16 – 14 Wire Size (AWG) 16 – 14 Wire Size (AWG) 16 – 14 Usege Conditions Operating Temperature Range (*C)  Industry Standards UL Rating UL Flammability Rating UL P4V-2		Insulated	Yes
Applies To Wire/Cable  Configuration Features Paired No  Electrical Characteristics Voltage (Max) (V) 600  Body Features Plating Material Tin Fully Insulated Yes  Contact Features Terminal Orientation Flag Contact Plating Material Tin  Termination Features Crimp Type Tab-Lok  Dimensions Mating Tab Width 4.75 mm [.187 in] Mating Tab Thickness .81 mm [.032 in] Wire Insulation Diameter (Max) 4.7 mm [.185 in] Wire Size (MWG) 16 – 14 Wire Size (MWG) 16 – 14 Wire Size (mm²) 1.31 – 2.08 Overall Length 13.08 mm [.515 in]  Usage Conditions Operating Temperature Range (*C) 105  Industry Standards UL Rating Listed UL Flammability Rating UL 94V-2		Insulated Wire Support	Yes
Configuration Features  Paired  Voltage (Max) (V)  600  Body Features  Plating Material Fully Insulated Yes  Contact Features  Terminal Orientation Flag Contact Plating Material Tin  Termination Features  Crimp Type  Tab-Lok  Dimensions  Mating Tab Width 4.75 mm [.187 in] Mating Tab Width Wire Insulation Diameter (Max) 4.7 mm [.185 in] Wire Size (AWG) 16 – 14  Wire Size (mm²) 1.31 – 2.08  Overall Length  Usage Conditions  Operating Temperature Range (°C)  Industry Standards  UL Rating UL Flammability Rating UL 94V-2		Support Style	Insulation Support
Electrical Characteristics  Voltage (Max) (V)  Body Features  Plating Material Fully Insulated Yes  Contact Features  Terminal Orientation Flag Contact Plating Material Tin  Termination Features  Crimp Type Tab-Lok  Dimensions  Mating Tab Width A.75 mm [.187 in] Mating Tab Thickness .81 mm [.032 in] Wire Insulation Diameter (Max) A.7 mm [.185 in] Wire Size (AWG) 16 – 14 Wire Size (mm²) 1.31 – 2.08 Overall Length  Usage Conditions  Operating Temperature Range (°C)  Industry Standards  UL Rating Listed UL Flammability Rating UL 94V-2		Applies To	Wire/Cable
Body Features  Plating Material Fully Insulated Yes  Contact Features  Terminal Orientation Flag Contact Plating Material Tin  Termination Features  Crimp Type Tab-Lok  Dimensions  Mating Tab Width 4.75 mm [.187 in] Mating Tab Thickness .81 mm [.032 in] Wire Insulation Diameter (Max) 4.7 mm [.185 in] Wire Size (AWG) 16 – 14 Wire Size (AWG) 13.1 – 2.08 Overall Length 13.08 mm [.515 in]  Usage Conditions  Usage Conditions  UL Rating UL Flammability Rating UL 94V-2	Configuration Features	Paired	No
Fully Insulated  Fully Insulated  Terminal Orientation Flag  Contact Plating Material  Tin  Termination Features  Crimp Type  Tab-Lok  Dimensions  Mating Tab Width 4.75 mm [.187 in] Mating Tab Thickness .81 mm [.032 in] Wire Insulation Diameter (Max) 4.7 mm [.185 in]  Wire Size (AWG) 16 – 14  Wire Size (mm²) 1.31 – 2.08  Overall Length  13.08 mm [.515 in]  Usage Conditions  UL Rating UL Flammability Rating  UL 94V-2	Electrical Characteristics	Voltage (Max) (V)	600
Contact Features  Terminal Orientation Flag Contact Plating Material  Tin  Termination Features  Crimp Type Tab-Lok  Dimensions  Mating Tab Width 4.75 mm [.187 in] Mating Tab Thickness .81 mm [.032 in] Wire Insulation Diameter (Max) 4.7 mm [.185 in] Wire Size (AWG) 16 – 14 Wire Size (mm²) 1.31 – 2.08  Overall Length 13.08 mm [.515 in]  Usage Conditions  Operating Temperature Range (°C)  Industry Standards  UL Rating UL Flammability Rating  UL 94V-2	Body Features	Plating Material	Tin
Contact Plating Material  Tin  Termination Features  Crimp Type  Tab-Lok  Dimensions  Mating Tab Width  4.75 mm [.187 in]  Mating Tab Thickness .81 mm [.032 in]  Wire Insulation Diameter (Max)  4.7 mm [.185 in]  Wire Size (AWG) 16 – 14  Wire Size (mm²) 1.31 – 2.08  Overall Length  13.08 mm [.515 in]  Usage Conditions  Operating Temperature Range (°C)  Industry Standards  UL Rating  UL Flammability Rating  UL 94V-2		Fully Insulated	Yes
Termination Features  Crimp Type  Tab-Lok  Dimensions  Mating Tab Width  4.75 mm [.187 in]  Mating Tab Thickness .81 mm [.032 in]  Wire Insulation Diameter (Max)  4.7 mm [.185 in]  Wire Size (AWG) 16 – 14  Wire Size (AWG) 1.31 – 2.08  Overall Length  13.08 mm [.515 in]  Usage Conditions  Operating Temperature Range (°C)  Industry Standards  UL Rating  Listed  UL 94V-2	Contact Features	Terminal Orientation	Flag
Dimensions         Mating Tab Width         4.75 mm [.187 in]           Mating Tab Thickness         .81 mm [.032 in]           Wire Insulation Diameter (Max)         4.7 mm [.185 in]           Wire Size (AWG)         16 – 14           Wire Size (mm²)         1.31 – 2.08           Overall Length         13.08 mm [.515 in]           Usage Conditions         Operating Temperature Range (°C)         105           Industry Standards         UL Rating         Listed           UL Flammability Rating         UL 94V-2		Contact Plating Material	Tin
Mating Tab Thickness       .81 mm [.032 in]         Wire Insulation Diameter (Max)       4.7 mm [.185 in]         Wire Size (AWG)       16 – 14         Wire Size (mm²)       1.31 – 2.08         Overall Length       13.08 mm [.515 in]         Usage Conditions       Operating Temperature Range (°C)       105         Industry Standards       UL Rating       Listed         UL Flammability Rating       UL 94V-2	Termination Features	Crimp Type	Tab-Lok
Wire Insulation Diameter (Max)  4.7 mm [ .185 in ]  Wire Size (AWG)  16 - 14  Wire Size (mm²)  1.31 - 2.08  Overall Length  13.08 mm [ .515 in ]  Usage Conditions  Operating Temperature Range (°C)  Industry Standards  UL Rating  UL Flammability Rating  UL 94V-2	Dimensions	Mating Tab Width	4.75 mm [ .187 in ]
Wire Size (AWG)  Mire Size (mm²)  Overall Length  13.08 mm [.515 in]  Usage Conditions  Operating Temperature Range (°C)  Industry Standards  UL Rating  UL Flammability Rating  UL 94V-2		Mating Tab Thickness	.81 mm [ .032 in ]
Wire Size (mm²)  Overall Length  13.08 mm [.515 in]  Usage Conditions  Operating Temperature Range (°C)  Industry Standards  UL Rating  UL Flammability Rating  UL 94V-2		Wire Insulation Diameter (Max)	4.7 mm [ .185 in ]
Usage Conditions  Operating Temperature Range (°C)  Industry Standards  UL Rating  UL Flammability Rating  UL 94V-2		Wire Size (AWG)	16 – 14
Usage Conditions  Operating Temperature Range (°C)  105  Industry Standards  UL Rating  Listed  UL Plammability Rating  UL 94V-2		Wire Size (mm²)	1.31 – 2.08
Industry Standards  UL Rating  Listed  UL 94V-2		Overall Length	13.08 mm [ .515 in ]
UL Flammability Rating UL 94V-2	Usage Conditions	Operating Temperature Range (°C)	105
	Industry Standards	UL Rating	Listed
Packaging Features Packaging Method Reel		UL Flammability Rating	UL 94V-2
	Packaging Features	Packaging Method	Reel
Packaging Quantity 2200			2200

Other Barrel Color Blue

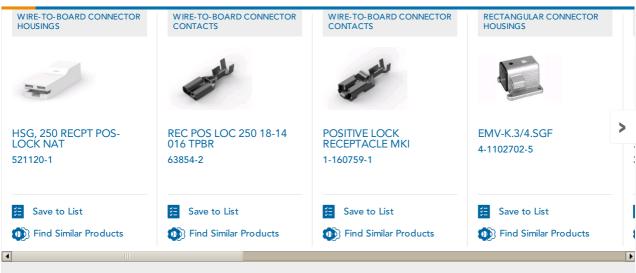
**Product Compliance** 

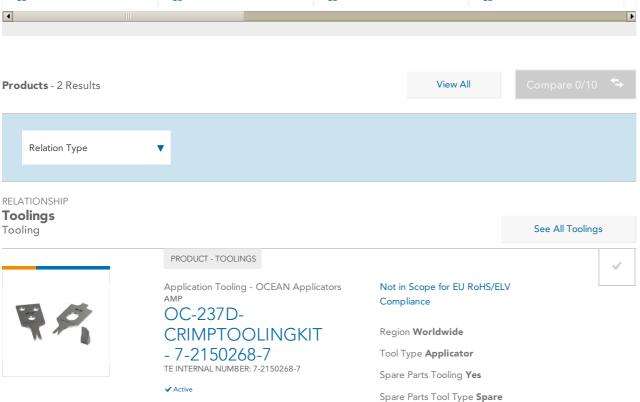
Statement of Compliance

PDF

VIEW ALL PRODUCT COMPLIANCE

## **CUSTOMERS ALSO BOUGHT**





RELATIONSHIP

**Toolings** Tooling

See All Toolings



PRODUCT - TOOLINGS

Application Tooling - OCEAN Applicators AMP



Parts Kit

Not in Scope for EU RoHS/ELV Compliance



## 0046 - 2150268-2 TE INTERNAL NUMBER: 2150268-2

✓ Active

Region Worldwide

Tool Type **Applicator** 

Spare Parts Tooling **No** 

Applicator Style **OCEAN** -

Atlantic

Applicator Feed Style **End Feed**