

# QUICK DISCONNECTS















PRODUCT DRAWING



3D PDF

# TE CONNECTIVITY (TE)

## 250 ULTRA-FAST FLAG 22-18 TPBR

Ultra-Fast | 250

#### 2-520128-2

TE Internal Number: 2-520128-2

Alias ID: 402321202, E87295-000, RAYVOSS-UF-FLG-22-18TPBR

#### Always EU RoHS/ELV Compliant

Mating Tab Width 6.35 mm [.25 in]

Mating Tab Thickness .81 mm [.032 in]

Wire Insulation Diameter (Max) 4.19 mm [.165 in]

Wire Size (AWG) **22 - 18** 

Wire Size (mm²) .32 - .82

**Product Drawings** 

RECEPTACLE ASSEMBLY, ULTRA-FAST FLAG, 6.35 [.250] 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\_2-520128-2\_03012016810\_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    FASTON   Yes			
Wee/Cable Type Discrete Wire    Insulated   Yes     Insulated Yes     Insulated Wire Support Yes     Insulation Support Style   Insulation Support     Applies To Wire/Cable	Product Type Features	Disconnect Type	Quick Disconnect Pin
Wire/Cable Type Insulated Insulated Wire Support Yes Support Style Insulation Support 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 Falg Contact Features Tin  Fermination Features Crimp Type Tab-Lok  Dimensions Mating Tab Width Mating Tab Thickness Mating T		FASTON	Yes
Insulated Yes Insulated Wire Support Yes Support Style Insulation Support Applies To Wire/Cable  Configuration Features Paired No  Configuration Features Plating Material Tin Fully Insulated Yes  Contact Features Terminal Orientation Flag Contact Flating Material Tin  Tormination Features Crimp Type Tableb  Dimensions Mating Tab Width 6.35 mm [.25 in] Moting Tab Thickness		Wire/Cable Composition	Stranded
Insulated Wire Support Support Style Insulation Support Applies To Wire/Cable  Configuration Features Paired No  Biectrical 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 6.35 mm [.25 in] Mating Tab Thickness .81 mm [.032 in] Wire Insulation Diameter (Max) 4.19 mm [.165 in] Wire Size (AWG) 22 - 18 Wire Size (Max) 22 - 18 Wire Size (mm²) .3292 Overall Length 14.73 mm [.58 in]  Usage Conditions Operating Temperature Range (*C) 105  Industry Standards UL Rating Listed UL Flammability Rating UL 94V-2		Wire/Cable Type	Discrete Wire
Support Style Applies To Wire/Cable  Configuration Foatures 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 6.35 mm (.25 in] Mating Tab Thickness .81 mm (.25 in] Mating Tab Thickness .81 mm (.25 in] Wire Insulation Diameter (Max) 4.19 mm [.165 in] Wire Size (AWG) 22 – 18 Vire Size (nmt) .32 – 32 Overall Length 14.73 mm [.58 in]  Usage Conditions Operating Temperature Range (°C) 105  Industry Standards UL Rating Listed UL Flammability Rating UL 94V-2  Packaging Features Packaging Method Reel		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 6.35 mm [.25 in] Mating Tab Thickness .81 mm I. 032 in] Wire Insulation Diameter (Max) 4.19 mm [.165 in] Wire Size (AWG) 22 - 18 Wire Size (mm²) .3282 Overail Length 14.73 mm [.58 in]  Ukage Conditions Operating Temperature Range (°C) 105  Industry Standards UL Rating Listed UL Flammability Rating UL 94V-2		Insulated Wire Support	Yes
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  A.35 mm [.25 in]  Mating Tab Thickness  .81 mm [.032 in]  Wire Insulation Diameter (Max)  Mire Size (AWG)  22 – 18  Wire Size (AWG)  22 – 18  Wire Size (AWG)  33 – .82  Overall Length  UL Rating  UL Rating  UL Flammability Rating  UL 94V-2  Packaging Features  Packaging Method  Reel		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.35 mm [.25 in] Mating Tab Thickness .81 mm [.032 in] Wire Insulation Diameter (Max) Wire Size (AWG) Wire Size (AWG) 22 - 18 Wire Size (AWG) 3282 Overall Length  Usage Conditions  Operating Temperature Range (°C)  Industry Standards  UL Rating UL Flammability Rating UL 94V-2  Packaging Features  Packaging Method  Reel		Applies To	Wire/Cable
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 6.35 mm [.25 in] Mating Tab Thickness .81 mm [.032 in] Wire Insulation Diameter (Max) 4.19 mm [.165 in] Wire Size (AWG) 22 – 18 Wire Size (AWG) 22 – 18 Overall Length 14.73 mm [.58 in]  Usage Conditions Operating Temperature Range (°C) 105  Industry Standards UL Rating Listed UL Flammability Rating UL 94V-2  Packaging Features Packaging Method Reel	Configuration Features	Paired	No
Contact Features  Terminal Orientation Flag Contact Plating Material Tin  Termination Features  Crimp Type Tab-Lok  Dimensions  Mating Tab Width Asing Tab Thickness Size (AWG) Wire Size (MWG) Size (mm²) Overall Length  UL Rating UL Flammability Rating UL Packaging Features  Flag Tin  Flag  Tab.  Flag  Tab.  Flag  Tin  Flag  Tab.  Flag  Tab.  Flag  Tin  Tab.Lok  Asing  Tab.Lok  Asing  Asing (-25 in)  Asing (-25 in)  Asing (-32 in)  Asing (-32 in)  Asing (-47 in)  Asing (-47 in)  Listed UL Patv-2  Packaging Features  Packaging Method  Reel	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 Asing Tab Thickness Size (AWG) Wire Size (MWG) Size (mm²) Overall Length  UL Rating UL Flammability Rating UL Packaging Features  Flag Tin  Flag  Tab.  Flag  Tab.  Flag  Tin  Flag  Tab.  Flag  Tab.  Flag  Tin  Tab.Lok  Asing  Tab.Lok  Asing  Asing (-25 in)  Asing (-25 in)  Asing (-32 in)  Asing (-32 in)  Asing (-47 in)  Asing (-47 in)  Listed UL Patv-2  Packaging Features  Packaging Method  Reel	Body Features	Plating Material	Tin
Contact Plating Material  Tin  Termination Features  Crimp Type  Tab-Lok  Dimensions  Mating Tab Width 6.35 mm [.25 in] Mating Tab Thickness .81 mm [.032 in] Wire Insulation Diameter (Max) 4.19 mm [.165 in] Wire Size (AWG) 22 – 18 Wire Size (mm²) .32 – .82 Overall Length  14.73 mm [.58 in]  Usage Conditions  Operating Temperature Range (°C)  Industry Standards  UL Rating UL Flammability Rating  UL 94V-2  Packaging Features  Packaging Method  Reel		Fully Insulated	Yes
Termination Features  Crimp Type  Tab-Lok  Dimensions  Mating Tab Width 6.35 mm [.25 in] Mating Tab Thickness .81 mm [.032 in] Wire Insulation Diameter (Max) 4.19 mm [.165 in] Wire Size (AWG) 22 – 18 Wire Size (mm²) .32 – .82  Overall Length 14.73 mm [.58 in]  Usage Conditions  Operating Temperature Range (°C)  Industry Standards  UL Rating UL Flammability Rating  UL 94V-2  Packaging Features  Packaging Method  Reel	Contact Features	Terminal Orientation	Flag
Dimensions         Mating Tab Width         6.35 mm [.25 in]           Mating Tab Thickness         .81 mm [.032 in]           Wire Insulation Diameter (Max)         4.19 mm [.165 in]           Wire Size (AWG)         22 – 18           Wire Size (mm²)         .32 – .82           Overall Length         14.73 mm [.58 in]           Usage Conditions         Operating Temperature Range (°C)         105           Industry Standards         UL Rating         Listed           UL Flammability Rating         UL 94V-2           Packaging Features         Packaging Method         Reel		Contact Plating Material	Tin
Mating Tab Thickness .81 mm [.032 in]  Wire Insulation Diameter (Max) 4.19 mm [.165 in]  Wire Size (AWG) 22 – 18  Wire Size (mm²) .32 – .82  Overall Length 14.73 mm [.58 in]  Usage Conditions Operating Temperature Range (°C) 105  Industry Standards UL Rating Listed  UL Flammability Rating UL 94V-2  Packaging Features Packaging Method Reel	Termination Features	Crimp Type	Tab-Lok
Wire Insulation Diameter (Max)   4.19 mm [.165 in]     Wire Size (AWG)   22 – 18     Wire Size (mm²)   .32 – .82     Overall Length   14.73 mm [.58 in]     Usage Conditions   Operating Temperature Range (°C)   105     Industry Standards   UL Rating   Listed     UL Flammability Rating   UL 94V-2     Packaging Features   Packaging Method   Reel	Dimensions	Mating Tab Width	6.35 mm [ .25 in ]
Wire Size (AWG)  Wire Size (mm²)  Overall Length  14.73 mm [.58 in]  Usage Conditions  Operating Temperature Range (°C)  Industry Standards  UL Rating  UL Flammability Rating  UL 94V-2  Packaging Features  Packaging Method  Reel		Mating Tab Thickness	.81 mm [ .032 in ]
Wire Size (mm²)  Overall Length  14.73 mm [.58 in]  Usage Conditions  Operating Temperature Range (°C)  Industry Standards  UL Rating  UL Flammability Rating  UL 94V-2  Packaging Features  Packaging Method  Reel		Wire Insulation Diameter (Max)	4.19 mm [ .165 in ]
Usage Conditions Operating Temperature Range (°C) 105 Industry Standards UL Rating UL Flammability Rating UL 94V-2 Packaging Features Packaging Method Reel		Wire Size (AWG)	22 – 18
Usage Conditions  Operating Temperature Range (°C)  Industry Standards  UL Rating  UL Flammability Rating  UL 94V-2  Packaging Features  Packaging Method  Reel		Wire Size (mm²)	.32 – .82
Industry Standards  UL Rating  UL Flammability Rating  UL 94V-2  Packaging Features  Packaging Method  Reel		Overall Length	14.73 mm [ .58 in ]
Packaging Features  Packaging Method  Reel	Usage Conditions	Operating Temperature Range (°C)	105
Packaging Features Packaging Method Reel	Industry Standards	UL Rating	Listed
		UL Flammability Rating	UL 94V-2
	Packaging Features	Packaging Method	Reel
Packaging Quantity 2200		Packaging Quantity	2200

Other Barrel Color Red

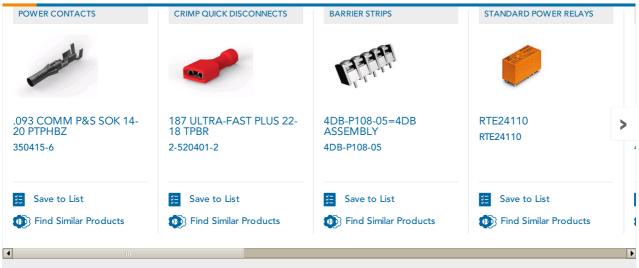
**Product Compliance** 

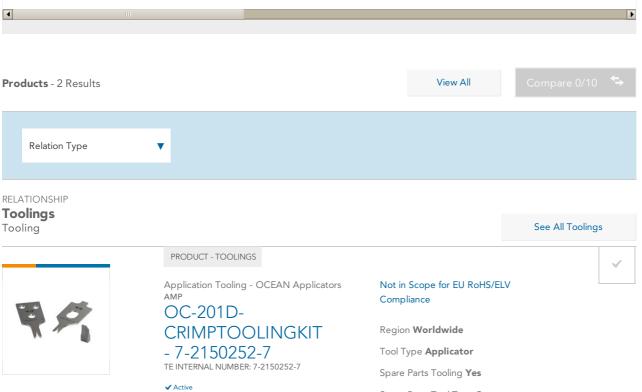
Statement of Compliance

PDF

VIEW ALL PRODUCT COMPLIANCE

### **CUSTOMERS ALSO BOUGHT**





RELATIONSHIP

**Toolings** Tooling

See All Toolings



PRODUCT - TOOLINGS

Application Tooling - OCEAN Applicators



Spare Parts Tool Type **Spare** 

Parts Kit



# 0056 - 2150252-2 TE INTERNAL NUMBER: 2150252-2

✓ Active

Region Worldwide

Tool Type **Applicator** 

Spare Parts Tooling **No** 

Applicator Style **OCEAN** -

Atlantic

Applicator Feed Style **End Feed**