

2-520084-2 ✓ ACTIVE

Ultra-Fast | Ultra-Fast 110

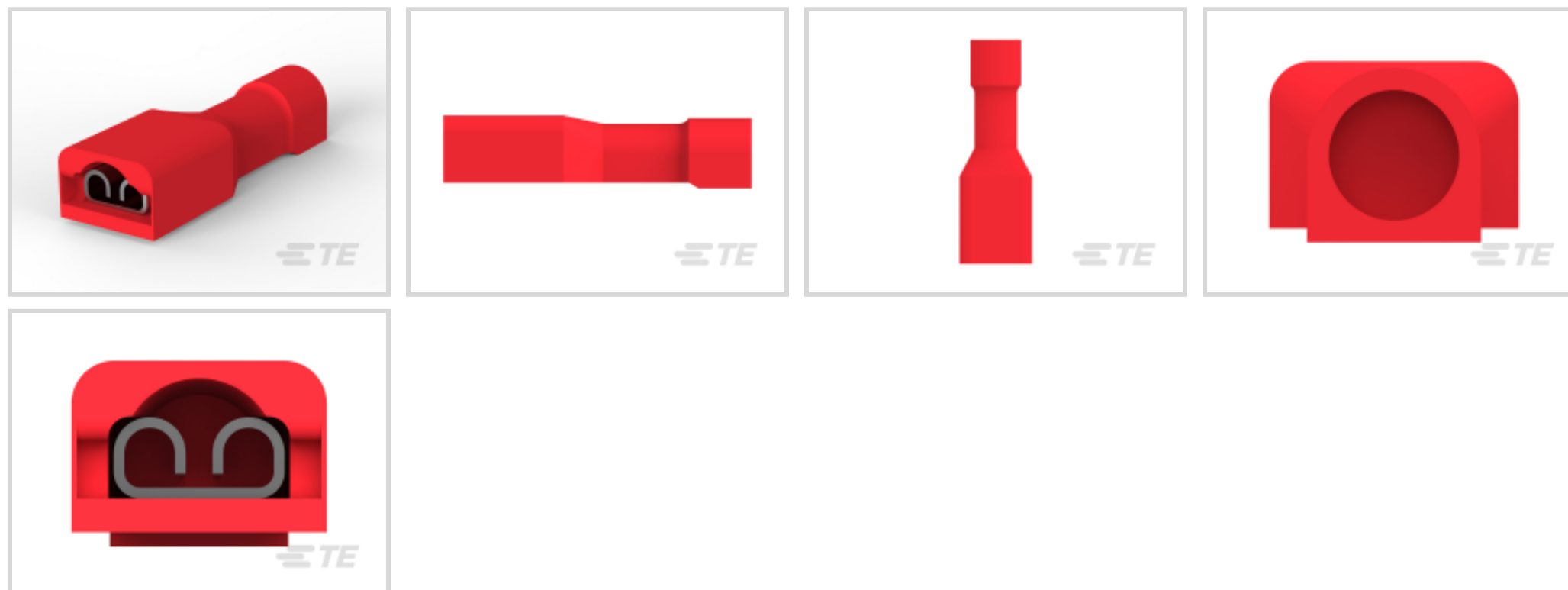
TE Internal #: 2-520084-2

Ultra-Fast 110, Quick Disconnects, Receptacle, 22 – 18AWG Wire Size, .32 – .82mm² Wire Size, Mating Tab Width .125 in / .11 in [2.8 mm / 3.18 mm]

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .32 – .82 mm²

Mating Tab Width: 2.8 mm, 3.18 mm [.11 in, .125 in]

Mating Tab Thickness: .51 mm [.02 in]

Features

Product Type Features

Terminates To	Wire & Cable
Wire/Cable Type	Regular Wire
Wire Stop	Yes
Insertion Force	Normal
Sealable	No

Configuration Features

Connection Capacity	Single
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Electrical Characteristics

Voltage (Max)	600 V
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Body Features

Insulation Material	Nylon
Quick Disconnect Plating Material	Tin

Contact Features

Quick Disconnect Terminal Type	Receptacle
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Mating Tab Width	2.8 mm, 3.18 mm [.11 in] [.125 in]
Mating Tab Thickness	.51 mm [.02 in]
Terminal Orientation	Straight
Contact Base Material	Brass
Crimp Type	F-Crimp
Barrel Type	Closed

Mechanical Attachment

Mating Retention Type	Dimple
Wire Insulation Support	With

Dimensions

Accepts Wire Insulation Diameter Range	3.05 mm [.12 in]
Receptacle Terminal Stock Thickness	.41 mm [.016 in]
Overall Length	18.67 mm [.735 in]
Wire Size	.32 – .82 mm ²

Usage Conditions

Insulation Requirement	Uninsulated
Operating Temperature Range	-40 – 110 °C [-40 – 230 °F]

Industry Standards

UL Flammability Rating	UL 94V-2
UL Rating	Listed

Packaging Features

Packaging Quantity	1000
Packaging Method	Loose Piece/Carton

Other

Barrel Color	Red
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	



Current ECHA Candidate List: JUL 2021
(219)
Candidate List Declared Against: JUL 2021
(219)
Does not contain REACH SVHC

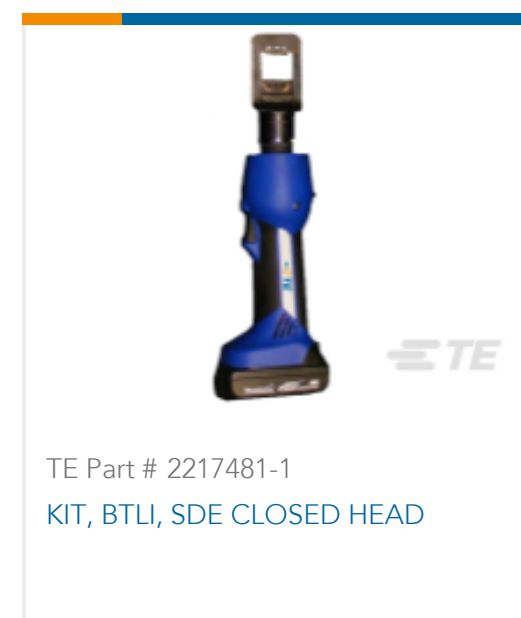
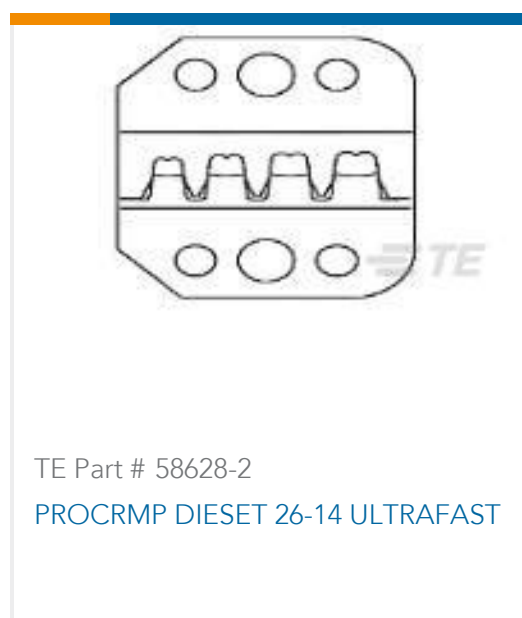
Halogen Content
Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability
Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



Also in the Series | **Ultra-Fast 110**



Quick Disconnects(14)

Customers Also Bought



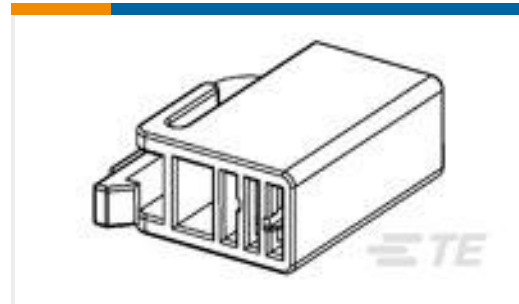
TE Part #4-1672124-8
3100-20T5999C=2 POLE CONTACTOR



TE Part #4-1623732-4
BCHE 7 W 5K6 5%



TE Part #4-640428-3
13P MTA156 CONN ASSY 22AWG RED



TE Part #2058299-1
WTB HOUSING, 2 POS, NATURAL



TE Part #644487-6
06P MTA100 SHRD HDR ASSY 30AU



TE Part #1401990001
TMS-SCE-3/16-2.0-2

Documents

Product Drawings

[ULTRAFast 110 ASSY REC 22-18 TPBR LP](#)

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_2-520084-2_E_c-2-520084-2-e.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_2-520084-2_E_c-2-520084-2-e.3d_igs.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_2-520084-2_E_c-2-520084-2-e.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.



Datasheets & Catalog Pages

[Ultra-Fast and Ultra Fast Plus](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[MD_2-520084-2_10262018646_dmtec](#)

English

[MD_2-520084-2_10262018646_dmtec](#)

English

Agency Approvals

[Agency Approval Document](#)

English