



Ultra-Fast | Ultra-Fast 187

TE Internal #: 2-520335-2

Quick Disconnects, Receptacle, 22 – 18 AWG Wire Size, .32 – .82 mm² Wire Size, Mating Tab Width 4.75 mm [.187 in], Flag, Brass, Ultra-Fast 187

[View on TE.com >](#)

Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .32 – .82 mm²

Mating Tab Width: 4.75 mm [.187 in]

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

Features

Product Type Features

Insertion Force	Low
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Configuration Features

Connection Capacity	Single
Compatible With Wire & Cable Type	Discrete Wire

Electrical Characteristics

Voltage Rating	600 V
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Body Features

Insulation Material	Nylon
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Contact Features

Quick Disconnect Terminal Type	Receptacle
Mating Tab Width	4.75 mm [.187 in]
Mating Tab Thickness	.51 mm [.02 in]
Terminal Orientation	Flag
Contact Base Material	Brass



Terminal Plating Material	Tin
Crimp Type	F-Crimp
Barrel Type	Closed

Termination Features

Product Terminates To	Wire & Cable
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Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Dimple

Dimensions

Terminal Material Thickness	.41 mm[.016 in]
Product Length	13.08 mm[.515 in]
Compatible Insulation Diameter Range	4.19 mm[.165 in]
Wire Size	.32 – .82 mm ²

Usage Conditions

Insulation Option	Fully Insulated
Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]

Industry Standards

Agency/Standard	UL
UL Flammability Rating	UL 94V-2

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: JUNE 2023 (235)



Candidate List Declared Against: JUNE 2023 (235)
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

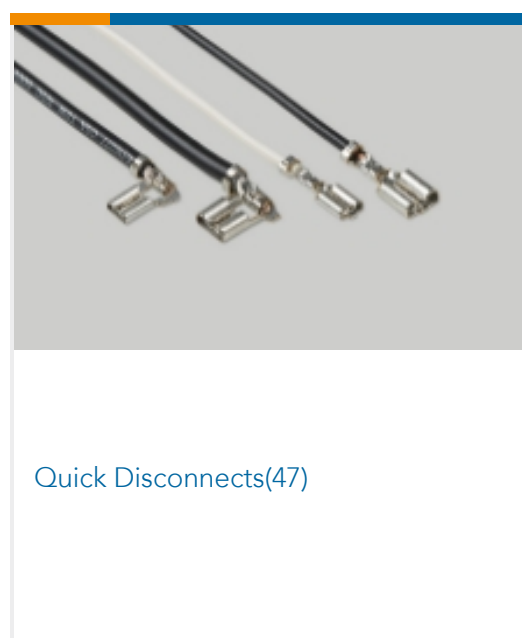
Product Compliance Disclaimer

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 187



Customers Also Bought



TE Part #1-2178712-0
10P, MOW, MICRO-MATCH VALUE
LINE



TE Part #5-1622825-2
RL73K 3A R82 5% 4K RL



TE Part #3-1879023-0
3650 1008 0.56uH 5% 2K RL



TE Part #3-2176089-4
RP 1J 0.166W 24K9 0.1% 25PPM 1K RL



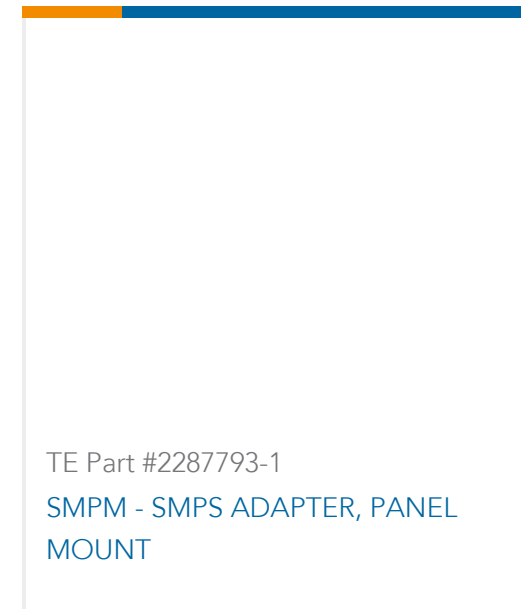
TE Part #2273011-3
M8 x 1.0 Angled socket Pigtail



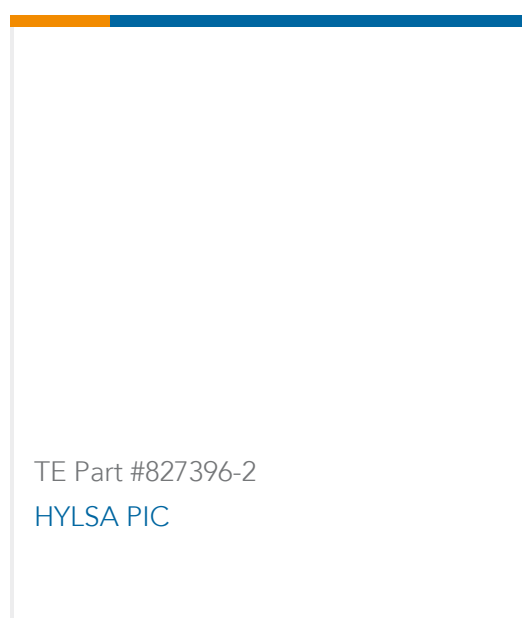
TE Part #1658624-1
10 NOVO DUAL 30DP, LEAD FREE



TE Part #K2000791
Micro Switch MZX1 021 302



TE Part #2287793-1
SMPM - SMPS ADAPTER, PANEL
MOUNT



TE Part #827396-2
HYLSA PIC

Documents

Product Drawings

[ULTRA-FAST 187 ASY REC 22-18 TPBR](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2-520335-2_G.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-520335-2_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-520335-2_G.3d_stp.zip](#)

English

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Datasheets & Catalog Pages



Ultra-Fast and Ultra Fast Plus

English

Product Specifications

Application Specification

English

Product Environmental Compliance

[MD_2-520335-2_08222018630_dmtec](#)

English

[MD_2-520335-2_08222018630_dmtec](#)

English