

ULTRA-FAST 250 ASY REC 22-18 TPBR

✓ ACTIVE

Ultra-Fast | Ultra-Fast 250

TE Part # 2-520183-2

TE Internal #: 2-520183-2

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Terminal & Splice Type: **Receptacle**

Wire Size: .32 – .82 mm²

Mating Tab Width: 6.35 mm [.25 in]

Mating Tab Thickness: .81 mm [.032 in]

Features

Product Type Features

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

Configuration Features

Connection Capacity	Single
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Electrical Characteristics

Voltage (Max)	600 V
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Body Features

Insulation Material	Nylon
Fully Insulated	Yes
Plating Material	Tin

Contact Features

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Terminal Type	Receptacle
Terminal & Splice Type	Receptacle
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	3.43 mm[.135 in]
Overall Length	21.75 mm[.856 in]
Receptacle Terminal Stock Thickness	.41 mm[.016 in]
Wire Size	.32 – .82 mm ²
Mating Tab Width	6.35 mm[.25 in]
Mating Tab Thickness	.81 mm[.032 in]

Usage Conditions

Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]
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Industry Standards

UL Rating	Listed
UL Flammability Rating	UL 94V-2

Packaging Features

Packaging Quantity	2200
Packaging Method	Strip/Reel

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: JAN 2019 (197)
Candidate List Declared Against: JAN 2019 (197)

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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

TE Part # 2-2151034-2
OCEAN_2.0_APPLICATOR-S-176O

TE Part # 58628-2
PROCIMP DIESET 26-14
ULTRAFast

TE Part # 2151034-2
OCEAN_2.0_APPLICATOR-S-176O

TE Part # 58628-1
PROCIMP T&D 26-14
ULTRAFast

TE Part # 90390-3
DIE ULTRA FAST 22-18 U
/58078-3

Also in the Series | [Ultra-Fast 250](#)

ULTRA-FAST 250 ASY REC 22-18 TPBR

TE Part # 2-520183-2
TE Internal #: 2-520183-2



Protective Relays(3)



Quick Disconnects(48)

Customers Also Bought



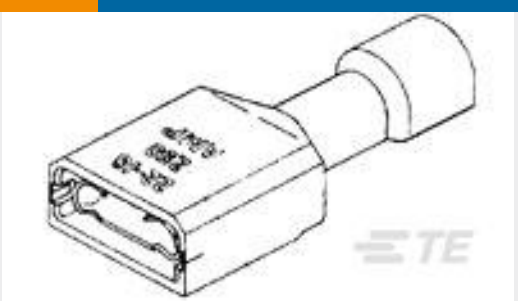
TE Part #1-480702-0
04P UMNL PLUG HSG
NATL



TE Part #1-480698-0
02P UMNL PLUG HSG
NATL



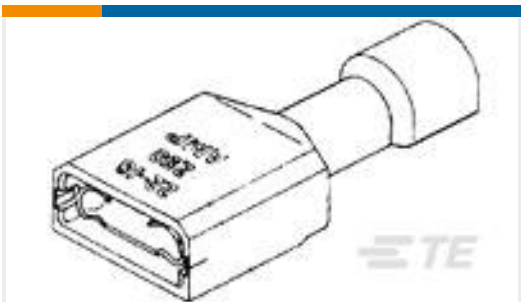
TE Part #1-480700-0
03P UMNL PLUG HSG
NATL



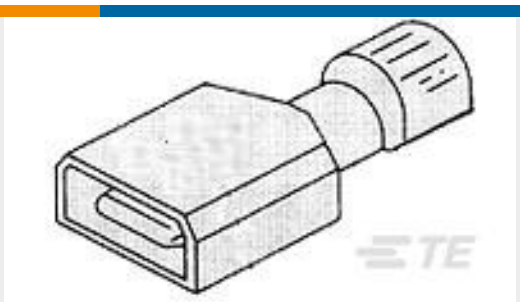
TE Part #3-350819-2
ULTRA-FAST 250 ASY REC
16-14 AWG TPBR



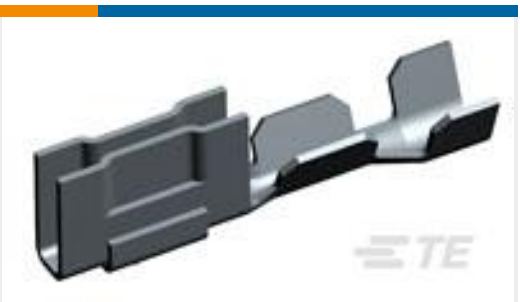
TE Part #770904-1
MINI UMNL SOK 22-18
AWG SN



TE Part #2-520181-2
ULTRA-FAST 187 ASY REC
22-18 AWG TPBR



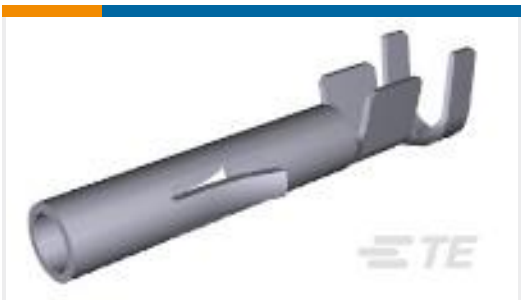
TE Part #2-520102-2
ULTRA-FAST 250
ASSEMBLY TAB 22-18
AWG BR



TE Part #1375819-1
CST-100 II CONTACT TIN
PLT



TE Part #350218-1
UMNL PIN 20-14 .
0126PTPBR



TE Part #350536-1
UMNL SOK 20-14 .0126
PTPBR

Documents

Product Drawings

ULTRA-FAST 250 ASY REC 22-18 TPBR

English

CAD Files

Customer View Model

ENG_CVM_2-520183-2_P.2d_dxf.zip

English

Customer View Model



[ENG_CVM_2-520183-2_P.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_2-520183-2_P.3d_stp.zip](#)

English

[3D PDF](#)

English

Datasheets & Catalog Pages

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

English

Product Specifications

[Application Specification](#)

[Application Specification](#)

English

Product Environmental Compliance

[MD_2-520183-2_10032018322_dmtec](#)

English

[MD_2-520183-2_10032018322_dmtec](#)

English

Agency Approvals

[Agency Approval Document](#)

English