ULTRA-FAST 187 ASY REC 22-18 TPPB ✔ ACTIVE

Ultra-Fast | Ultra-Fast 187

TE Part # 2-520181-4

TE Internal #: 2-520181-4

View on TE.com >

Terminals & Splices > Quick Disconnects







Terminal & Splice 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

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

Configuration Features

Connection Capacity	Single

Electrical Characteristics

Voltage (Max)	600 V

Body Features

Insulation Material	Nylon
Fully Insulated	Yes
Plating Material	Tin

Contact Features

Terminal Type	Receptacle
Terminal & Splice Type	Receptacle
Terminal Orientation	Straight
Contact Base Material	Phosphor Bronze
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[.855 in]
Receptacle Terminal Stock Thickness	.41 mm[.016 in]
Wire Size	.32 – .82 mm^2
Mating Tab Width	4.75 mm[.187 in]
Mating Tab Thickness	.51 mm[.02 in]

Usage Conditions

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

Industry Standards

UL Rating	Listed
UL Flammability Rating	UL 94V-2

Packaging Features

Packaging Quantity	2700
Packaging Method	Strip/Reel

Other

Barrel Color	Red

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

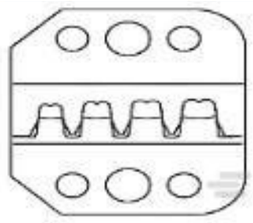
Product Compliance Disclaimer

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.

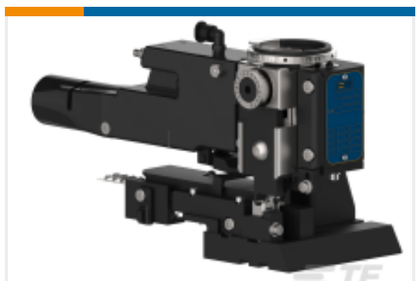
Compatible Parts



TE Part # 58628-1
PROCRIMP T&D 26-14 ULTRAFAST



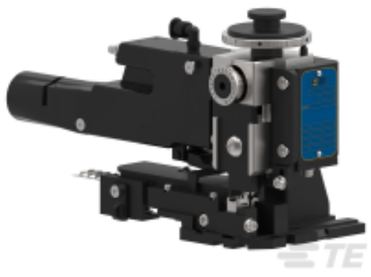
TE Part # 58628-2
PROCRMP DIESET 26-14 ULTRAFAST



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

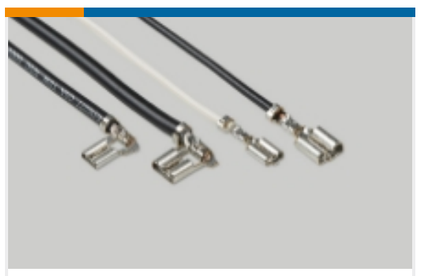


TE Part # 90390-3
DIE ULTRA FAST 22-18 U /58078-3



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

Also in the Series | Ultra-Fast 187



Quick Disconnects(47)

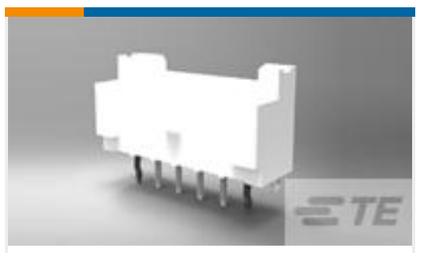
Customers Also Bought



TE Part #1969588-6
HSG, REC, FREE-HANGING, SINGLE ROW, EP2.5



TE Part #3-644486-4
14P MTA100 SHRDED HDR ASSY SN



TE Part #2132415-9
EP2.5 Shrouded HDR ASSY 9P VERT w/o boss



TE Part #1909783-1
WIRE TO BOARD HOUSING 1.2MM TOP ENTRY



TE Part #1-1735413-1
Asembly Slimline SATA Receptacle 7P+6P



TE Part #1744417-5
5 POS EP 2.5 HSG, GLOW WIRE



TE Part #62431-1
MAG-MATE TERM 31-33 010 TPBR



TE Part #2-1445054-8
MICRO MNL HDR ASSY S /ROW LF



TE Part #6-1437667-1
4DB-P208-04=4DB ASSEMBLY



TE Part #1676306-3
RN 0805 332R 0.1% 10PPM 5KRL

Documents

Product Drawings

ULTRA-FAST 187 ASY REC 22-18 TPPB

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-520181-4_AD_c-2-520181-4-ad.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-520181-4_AD_c-2-520181-4-ad.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-520181-4_AD_c-2-520181-4-ad.3d_stp.zip

English

Datasheets & Catalog Pages

Ultra-Fast and Ultra Fast Plus

English

Product Specifications

Application Specification

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

Agency Approval Document

English