

640902-1 ✓ ACTIVE

FASTON | FASTON 250

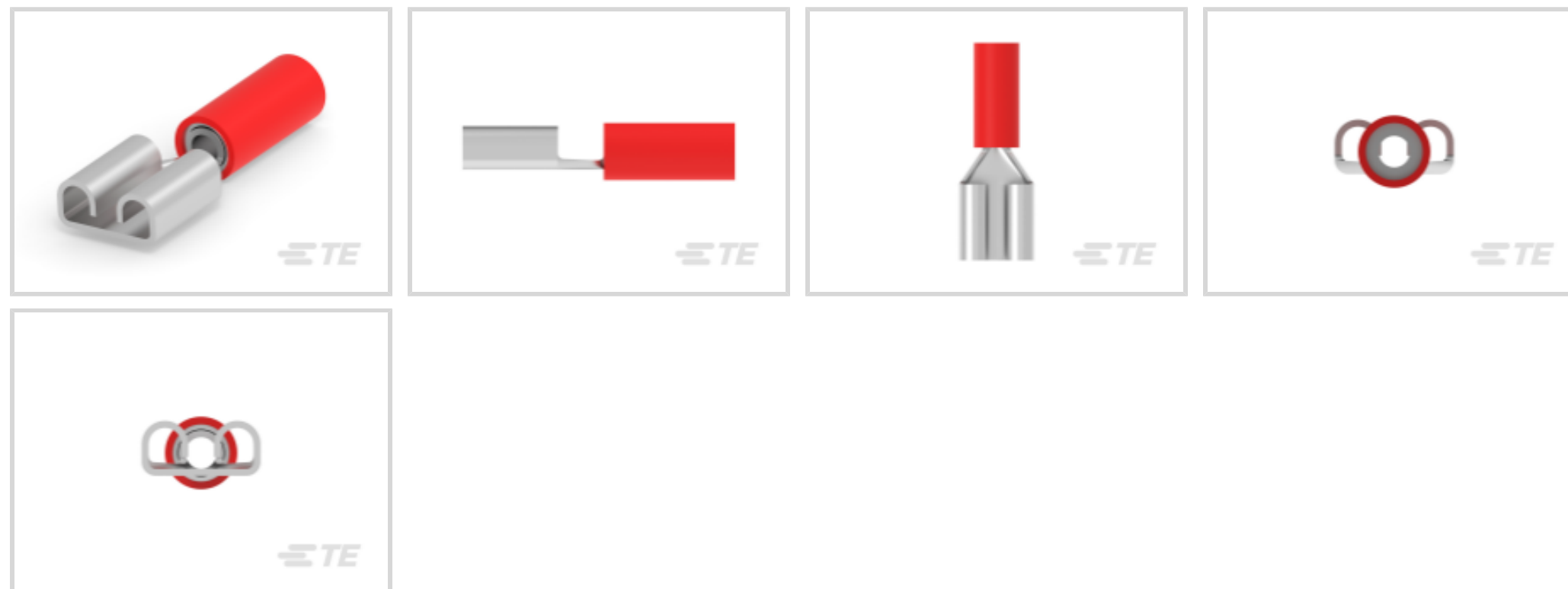
TE Internal #: 640902-1

Quick Disconnects, Receptacle, 22 – 18 AWG Wire Size, .26 – .96 mm² Wire Size, 509 – 1900 CMA Wire Size, Mating Tab Width 6.35 mm [.25 in], FASTON 250

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **509 – 1900 CMA**

Mating Tab Width: **6.35 mm [.25 in]**

Features

Product Type Features

Terminal Features	Wire Stop
Insertion Force	Normal

Electrical Characteristics

Voltage Rating	300 V
----------------	-------

Body Features

Insulation Material	Nylon
---------------------	-------

Contact Features

Quick Disconnect Terminal Type	Receptacle
Mating Tab Width	6.35 mm [.25 in]
Mating Tab Thickness	.81 mm [.032 in]
Terminal Orientation	Straight
Contact Base Material	Brass
Terminal Plating Material	Tin
Crimp Type	Compression
Barrel Type	Closed



Termination Features

Product Terminates To	Wire & Cable
-----------------------	--------------

Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Dimple

Dimensions

Terminal Material Thickness	.46 mm[.018 in]
Product Length	22.9 mm[.9 in]
Compatible Insulation Diameter Range	3.56 mm[.14 in]
Wire Size	509 – 1900 CMA

Usage Conditions

Insulation Option	Partially Insulated
Operating Temperature Range	105 °C[221 °F]

Industry Standards

Agency/Standard	CSA, RU (UL Component Program)
-----------------	--------------------------------

Packaging Features

Packaging Quantity	3500
Packaging Method	Reel

Other

Barrel Color	Red
--------------	-----

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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



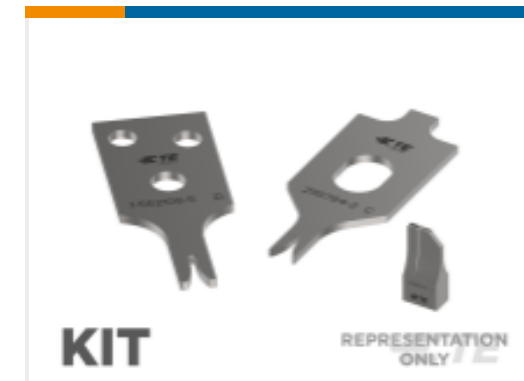
TE Part # 2-2836324-2
OCEAN_2.0_Applicator-S-198SP243SP



TE Part # 2836324-2
OCEAN_2.0_Applicator-S-198SP243SP




TE Part # 7-2836324-2
OCEAN_2.0_Applicator-S-198SP243SP




TE Part # 7-2836324-7
OCEAN_2.0_SPARE_PART_KIT-198SP243SP


Also in the Series | FASTON 250



Compression Connectors(4)




Crimp Terminal Housings(142)



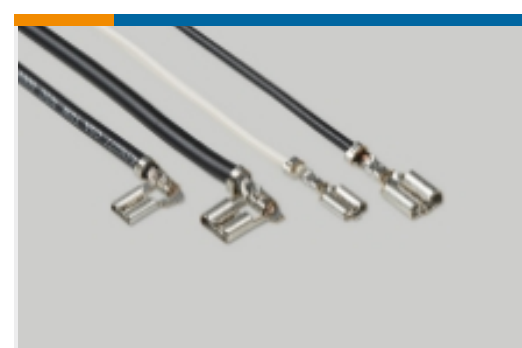
Insertion & Extraction Tools(6)



Magnet Wire Terminals(1)



PCB Terminals(135)



Quick Disconnects(445)



Splices(4)

Customers Also Bought



TE Part #2-1734839-4
FPC CONN. 0.5MM PITCH T/C,24P



TE Part #2-2176070-2
3521 75R 1% 2W



TE Part #641776-2
04P UMNL STR/REL



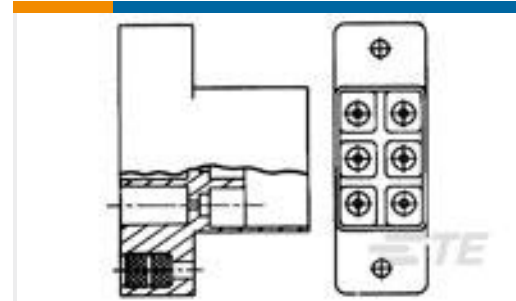
TE Part #641777-1
UMNL STR/REL ADAPTER NATL



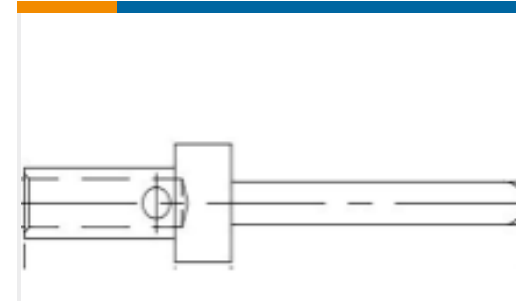
TE Part #1-87175-4
06 LOCKING CLIP HSG SR .100CL



TE Part #794012-1
02P CMNL CAP HSG W/POS LOCK



TE Part #867781-1
PIN HOUSING



TE Part #867782-2
LGH CONTACT PIN



TE Part #867779-1
LGH SOCKET HSG ASSY

Documents

Product Drawings

[RECEPT,PIDG FASTON 22-18 250](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_640902-1_L.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_640902-1_L.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_640902-1_L.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_640902-1_CE.3d_igs.zip](#)

English



Customer View Model

[ENG_CVM_640902-1_CE.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_640902-1_CE.2d_dxf.zip](#)

English

3D PDF

English

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

Datasheets & Catalog Pages

[PIDG_FASTON](#)

English

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

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English

Agency Approvals

[UL Report](#)

English