



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

Mating Alignment: **With**

Mating Alignment Type: **Polarization**

Mating Retention: **With**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	7
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

Primary Product Color	Natural
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Contact Features

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Contact Layout	Inline
Contact Type	Receptacle
Contact Retention Within Housing	Without
Contact Current Rating (Max)	7.5 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	Without
Mating Alignment	With
Mating Alignment Type	Polarization
Mating Retention	With
Mating Retention Type	Latch, Locking Latch
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Nylon
Centerline (Pitch)	5.08 mm[.2 in]

Dimensions

Compatible Insulation Diameter Range	1.7 – 3 mm[.067 – .118 in]
Connector Width	13.3 mm[.524 in]
Connector Height	10.5 mm[.413 in]
Connector Length	34.38 mm[1.354 in]

Usage Conditions

Operating Temperature Range	-25 – 105 °C[-13 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	500
Packaging Method	Bag



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 2025 (247) Candidate List Declared Against: JUNE 2024 (241) 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 # 5-1565036-6
EP CONN.HDR ASSY 6/7P BLACK W /O#2



TE Part # 1744357-7
3.96 EP SHROUDED HDR ASSY 7P W /PEGS



TE Part # 2-1744036-6
06P ECONOMY POWER .200 CL HSG



TE Part # 1744037-7
07P EC PWR.200 CL HDR ASSY VRT





TE Part # 1744048-7
07P EC PWR.200 CL HDR ASSY RA

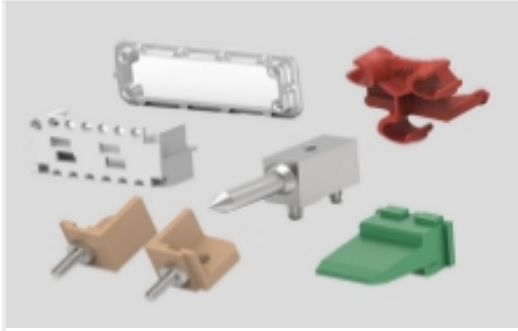


TE Part # 7-1123722-7
3.96 EP PLUG HSG 7P(NATURAL)

Also in the Series | Economy Power



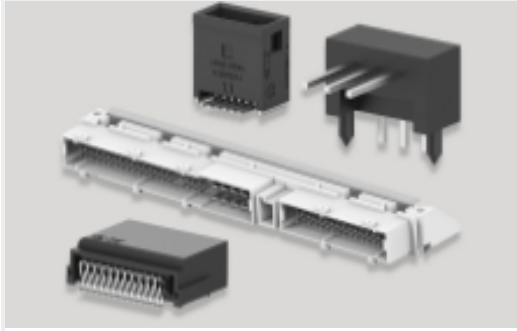
Connector Contacts(15)



Connector Hardware(2)



Insertion & Extraction Tools(1)



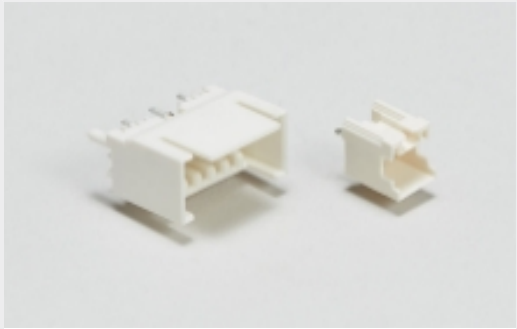
PCB Headers & Receptacles(402)



Power Contacts(9)



Rectangular Power Connectors(460)



Wire-to-Board Headers & Receptacles (402)

Customers Also Bought



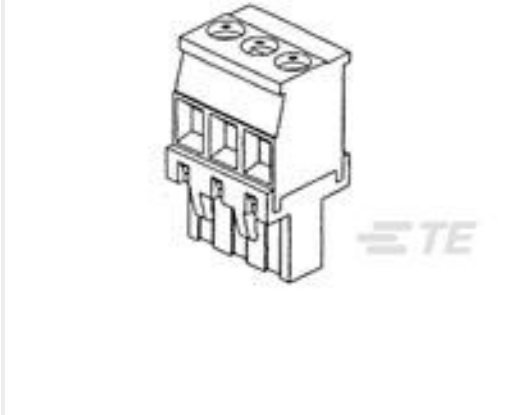
TE Part #1-640250-3
13P SL156 HSG W/LCK RAMP NATL



TE Part #1-794072-0
24P MINI UMNL HDR W/DH SN



TE Part #1649341-8
T9CP1A54-24



TE Part #284047-4
TERMI-BLOK VERTICAL PLUG STACK



TE Part #5-103080-6
08 MODII HDR SRST SHRD .100CL



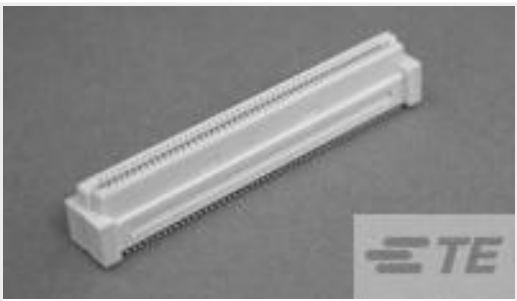
TE Part #5-146250-2
04 MODII HDR DRST B/A .100CL



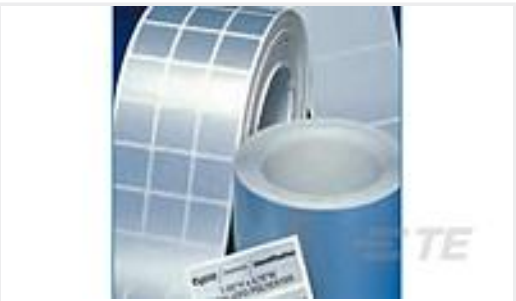
TE Part #5-146250-3
06 MODII HDR DRST B/A .100CL



TE Part #GA10K3A1B
DISCRETE 10K OHMS,+/-0.2C FROM 0C TO 70C



TE Part #5-5179180-1
[0.8FH,R09H.5,040,08/Sn,TR,SC](#)



TE Part #F01667-000
[WP-191064-10-9](#)

Documents

Product Drawings

[07P ECONOMY POWER .200 CL HSG](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1744036-7_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1744036-7_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1744036-7_B.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[1-1773885-9 Economy Power Connectors](#)

English

Product Specifications

[Application Specification](#)

Japanese

[Application Specification](#)

English

Agency Approvals

[VDE Certificate](#)

English