



HPI

TE Internal #: 2-440129-3

3 Position, Receptacle, Housing, Crimp, Wire-to-Board, UL 94V-0, 2 mm [.079 in] Centerline, 1 Row, 250 VAC, Wire & Cable, Power & Signal, HPI

[View on TE.com >](#)

Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Mating Retention Type: **Detent**

Connector System: **Wire-to-Board**

UL Flammability Rating: **UL 94V-0**

Features

Product Type Features

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

Configuration Features

Number of Positions	3
Number of Rows	1

Electrical Characteristics

Insulation Resistance	1000 MΩ
Dielectric Withstanding Voltage (Max)	1000 VAC
Operating Voltage	250 VAC

Body Features

Primary Product Color	Blue
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Contact Features

Contact Base Material	Copper Alloy
Contact Type	Socket
Contact Current Rating (Max)	3 A



Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	Without
Mating Retention Type	Detent
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Entry Configuration	Both Ends Closed
Centerline (Pitch)	2 mm [.079 in]
Housing Material	Thermoplastic

Dimensions

Compatible Insulation Diameter Range	.9 – 1.5 mm [.035 – .059 in]
Connector Width	6.9 mm [.272 in]
Connector Height	4.5 mm [.177 in]
Connector Length	7.8 mm [.307 in]
Wire Size	.05 – .22 mm ²

Usage Conditions

Operating Temperature Range	-25 – 85 °C [-13 – 185 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

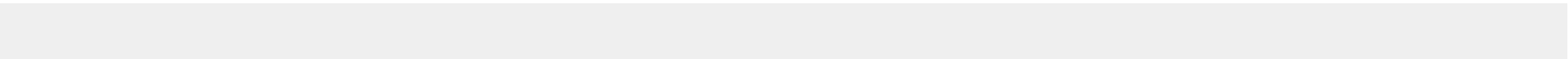
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	1000
Packaging Method	Bag/Carton

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)



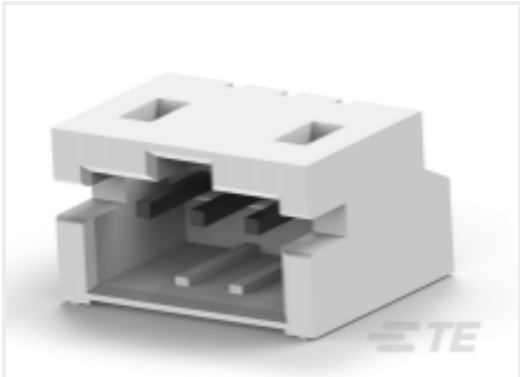


EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 1775469-3
HPI CONN., 2.0MM, R/A, SMT, 3P, 80U"



TE Part # 8-440055-3
HPI 2.0MM,HDR,3POS R/A,RED



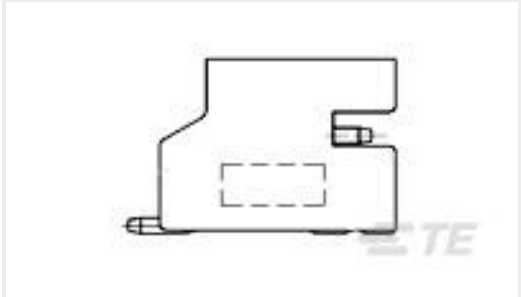
TE Part # 2-1775470-3
HPI CONN., 2.0MM, V/T, SMT, 3P, GF



TE Part # 440054-3
2.0MM,HDR,3POS,VERTICAL



TE Part # 6-440054-3
HPI 2.0MM,HDR,3POSVERTICAL,BLK



TE Part # 2-1775469-3
HPI CONN., 2.0MM, R/A, SMT, 3P, GF



TE Part # 2-440054-7
3P 2.0MM PITCH HPI,VERTICAL,



TE Part # 4-440054-3
HPI 2.0MM,HDR,3POSVERTICAL,YEL





TE Part # 2-440055-3
HPI 2.0MM,HDR,3POS R/A,BLU



TE Part # 2-440054-3
HPI 2.0MM,HDR,3POSVERTICAL,BLU



TE Part # 1775470-3
HPI CONN., 2.0MM, V/T, SMT, 3P, 80U"



TE Part # 440055-3
2.0MM,HDR,3POS,R/A



TE Part # 6-440055-3
HPI 2.0MM,HDR,3POS R/A,BLK

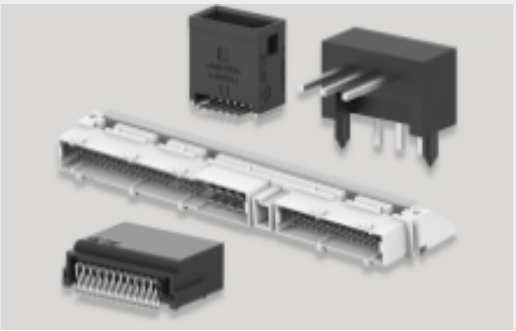


TE Part # 4-440055-3
HPI 2.0MM,HDR,3POS R/A,YEL

Also in the Series | **HPI**



Connector Contacts(3)



PCB Headers & Receptacles(332)



Power Contacts(2)



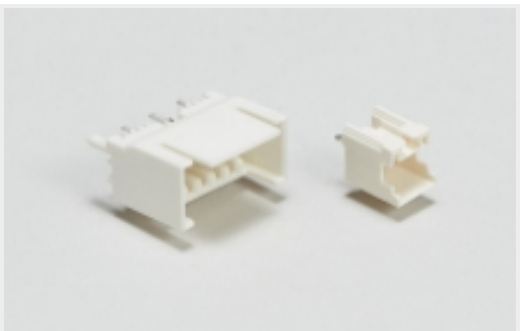
Rectangular Connector Housings(132)



Rectangular Power Connectors(354)



Wire-to-Board Connector Assemblies & Housings(90)



Wire-to-Board Headers & Receptacles (332)

Customers Also Bought



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #CAT-D48-ST273
DEUTSCH Connector Solid Contacts



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



Documents

Product Drawings

HPI 2.0MM,HSG,3POS,BLU

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-440129-3_C2.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-440129-3_C2.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-440129-3_C2.3d_stp.zip

English

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

Datasheets & Catalog Pages

HPI Connectors QRG

English

Product Specifications

Application Specification

English

Agency Approvals

UL

English

UL

English