



Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **4**

Centerline (Pitch): **2 mm [.079 in]**

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	4
Number of Rows	1

Electrical Characteristics

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

Contact Features

Contact Layout	Inline
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Contact Type	Socket
Contact Base Material	Copper Alloy
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
PCB Mount Retention	Without
Mating Retention Type	Detent
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

Connector Length	9.8 mm[.386 in]
Connector Height	4.5 mm[.177 in]
Connector Width	6.9 mm[.272 in]
Accepts Wire Insulation Diameter Range	.9 – 1.5 mm[.0354 – .059 in]
Wire Size	.05 – .22 mm²

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

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

Packaging Features

Packaging Quantity	1000
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Packaging Method	Bag/Carton
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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 2020 (205) Candidate List Declared Against: JAN 2020 (205) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JAN 2020 (205)
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 Model / Part # 440055-4
2.0MM,HDR,4POS,R/A

TE Model / Part # 1775470-4
HPI CONN., 2.0MM, V/T, SMT, 4P, 80U"

TE Model / Part # 1775469-4
HPI CONN., 2.0MM, R/A, SMT, 4P, 80U"

TE Model / Part # 440054-4
2.0MM,HDR,4POS,VERTICAL

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

TE Model / Part # 1734827-4
2.0 WTB HDR .5 SQ RA SMT 4P

TE Model / Part # 2-1775469-4
HPI CONN., 2.0MM, R/A, SMT, 4P, GF

TE Model / Part # 2-1775470-4
HPI CONN., 2.0MM, V/T, SMT, 4P, GF

TE Model / Part # 2-440054-4
HPI 2.0MM,HDR,4POSVERTICAL,BLU

TE Model / Part # 2-440055-4
HPI 2.0MM,HDR,4POS R/A,BLU

TE Model / Part # 2-440205-4
HPI2.0MM,HDR,4POS,VERTICAL,#2

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

TE Model / Part # 6-440054-4
HPI 2.0MM,HDR,4POSVERTICAL,BLK

TE Model / Part # 6-440054-8
4P 2.0MM PITCH HPI,VERTICAL,

TE Model / Part # 6-440055-4
HPI 2.0MM,HDR,4POS R/A,BLK

TE Model / Part # 8-440055-4
HPI 2.0MM,HDR,4POS R/A,RED

Also in the Series | **HPI**

Wire-to-Board Connector Assemblies & Housings(93)

Wire-to-Board Connector Contacts(2)

Wire-to-Board Headers & Receptacles (135)

Customers Also Bought



TE Model / Part #2170614-1
cage assy, 20 press fit, sfp w

TE Model / Part #6-440129-2
HPI 2.0MM,HSG,2POS,BLACK

TE Model / Part #6-440129-3
HPI 2.0MM,HSG,3POS,BLACK

TE Model / Part #4-643818-4
14P MTA156 CONN ASSY 20AWG YEL

TE Model / Part #2203535-1
1X4 GENERATION Y WITH GET INTERFACE

TE Model / Part #1969543-8
ASSY, HDR, VERT, BOSSED, DUAL ROW, EP2.5

TE Model / Part #3-640595-3
03P MTA156 CONN ASSY 26AWG LF

TE Model / Part #9-1879499-7
CRGH2010 5% 10K 1W

TE Model / Part #5-1623750-0
ER58 R50 5% AMMO

Documents

Product Drawings

HPI 2.0MM,HSG,4POS,BLACK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6-440129-4_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_6-440129-4_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6-440129-4_C.3d_stp.zip

English

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

Datasheets & Catalog Pages



1-1773713-2_HIGH_PERFORMANCE_INTERCONNECT_QUICK_REFERENCE_GUIDE_EN

English

Product Specifications

Application Specification

English

Agency Approvals

UL

English