



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



Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **10**

Centerline (Pitch): **.8 mm [.031 in]**

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	10
Number of Rows	2

Electrical Characteristics

Insulation Resistance	500 MΩ
Dielectric Withstanding Voltage (Max)	250 V
Operating Voltage	30 VAC

Body Features

Primary Product Color	Natural
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Contact Features

Contact Type	Pin
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	1 A, 75 A



Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Strain Relief	Without
Mating Retention	With
Connector Mounting Type	Board Mount

Housing Features

Housing Material	LCP (Liquid Crystal Polymer)
Centerline (Pitch)	.8 mm[.031 in]

Dimensions

Connector Length	7.35 mm[.289 in]
Connector Height	6.74 mm[.265 in]
Wire Size	.0509 – .081 mm ²
Row-to-Row Spacing	3.3 mm[.13 in]

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-65 – 185 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
Agency/Standard	UL
Approved Standards	UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	1
Packaging Method	Package

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

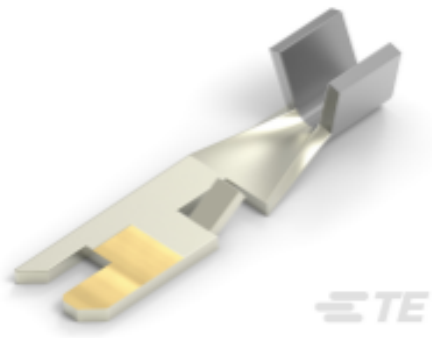


China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per 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>

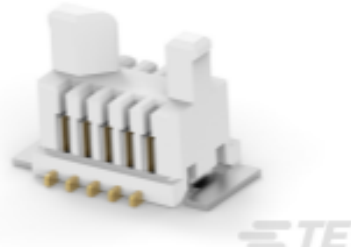
Compatible Parts



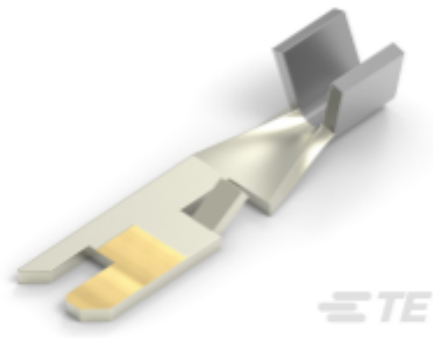
TE Part # 1375876-2
PLUG CONT,PLATED,0.8MM MIC INT




TE Part # 1375870-3
RCPT ASSY,10 POS,VERT,0.8MM MI



TE Part # 5-1375870-3
RCPT ASSY,10 POS,VERT,0.8MM MI



TE Part # 5-1375876-2
PLUG CONT,PLATED,0.8MM MIC INT



TE Part # 5-1445297-3
REC.R/A SMT,10 POS,LF

Also in the Series | AMPMODU MICRO



Connector Strain Relief(2)



PCB Headers & Receptacles(23)



Wire-to-Board Connector Assemblies & Housings(15)



Wire-to-Board Connector Contacts(3)

Customers Also Bought



TE Part #206070-8
CABLE CLAMP KIT #17



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



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



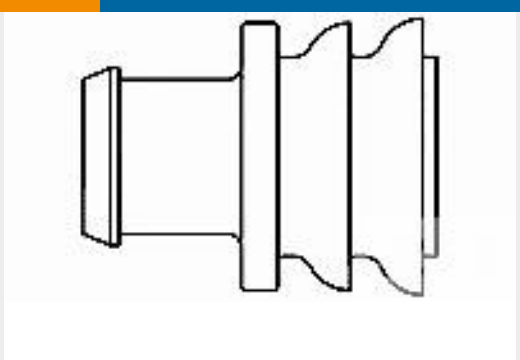
TE Part #W2S
Wedgelocks: DEUTSCH DT



TE Part #0462-201-16141
DEUTSCH Solid Contacts



TE Part #282104-1
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING



TE Part #281934-2
SINGLE WIRE SEAL

Documents

Product Drawings

PLUG HSG,10POS,0.8MM MICRO INT

English

CAD Files

Customer View Model

ENG_CVM_1375875-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_1375875-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_1375875-3_A.3d_stp.zip

English

3D PDF

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.



Product Specifications

Application Specification

English

Agency Approvals

Agency Approval Document

English