



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: **10**

Centerline (Pitch): **1.25 mm [.049 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	10
Number of Rows	1

Electrical Characteristics

Operating Voltage	100 VAC
Insulation Resistance	100 MΩ
Dielectric Withstanding Voltage (Max)	250 VAC

Body Features

Primary Product Color	Natural
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Contact Features



Contact Layout	Inline
Contact Base Material	Copper Alloy
Contact Type	Socket
Contact Current Rating (Max)	1 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
PCB Mount Retention	Without
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Thermoplastic
Housing Entry Configuration	Both Ends Closed
Centerline (Pitch)	1.25 mm[.049 in]

Dimensions

Connector Width	3.95 mm[.156 in]
Connector Height	3.15 mm[.124 in]
Wire Size	32 – 28 AWG
Connector Length	14.25 mm[.561 in]

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 Method	Bag/Carton
Packaging Quantity	1000

Product Compliance



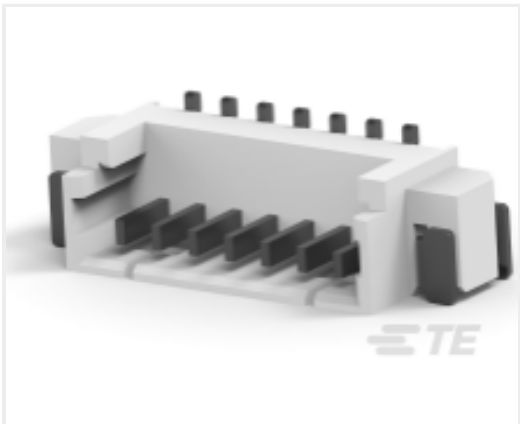
For compliance documentation, visit the product page on [TE.com](#)>

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 # CAT-H857-H342125

AMP HPI 1.25 mm Headers



TE Part # 440147-2

1.0 WTB Terminal 30u" Au

Also in the Series | [MIS](#)



Connector Contacts(1)



PCB Headers & Receptacles(23)



Wire-to-Board Connector Assemblies & Housings(11)



Wire-to-Board Headers & Receptacles (23)

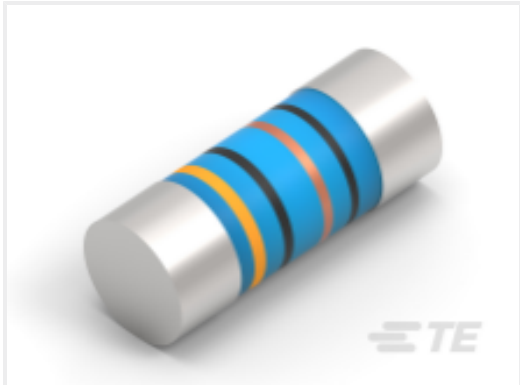
Customers Also Bought



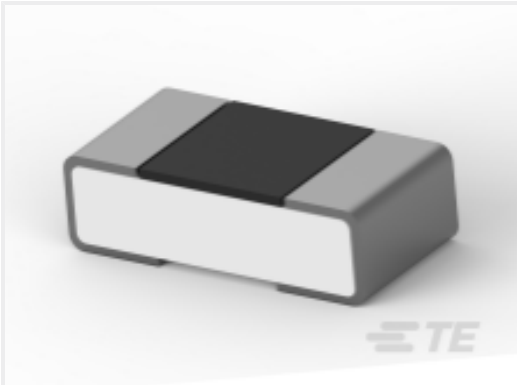
TE Part #5-2176216-1
CPF A 0603 33K 0.1% 25PPM 1K RL



TE Part #3-2176455-6
CPF 0402 9R76 0.1% 25ppm 1K RL



TE Part #1-2176315-0
MELF SMA_A 560R 0.1% 15PPM 0204 0.4W



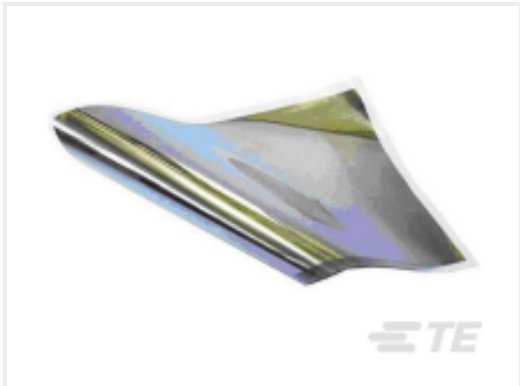
TE Part #2176362-8
RQ 0402 47R5 0.1% 10PPM 5K RL



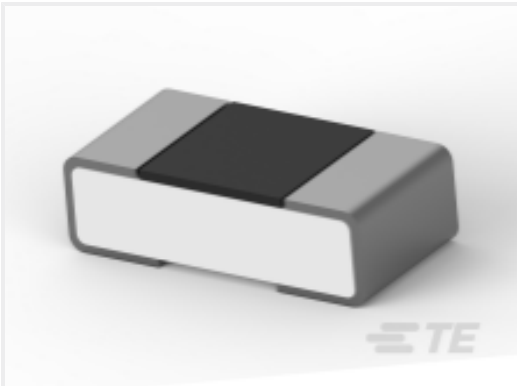
TE Part #53032-1
BUDGET SPRING SPADE 16-14 1/4



TE Part #TAB62146501-040
M12B2-MS-PUR TORSION-4.0M



TE Part #11027196-00
110UM AG INK FILM 8 X 5.5



TE Part #2176362-7
RQ 0402 46R4 0.1% 10PPM 5K RL



TE Part #1734261-8
1.25 WTB, HDR, SMT, RA, 8P

TE Part #1888247-3
20 POSN SFP CONN, ENHANCED

Documents

Product Drawings

1.25mm WTB Socket,Housing,10p

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-440146-0_B1.3d_igs.zip



English

Customer View Model

[ENG_CVM_CVM_1-440146-0_B1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-440146-0_B1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_1-440146-0_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_1-440146-0_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1-440146-0_B.3d_stp.zip](#)

English

[3D PDF](#)

English

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Datasheets & Catalog Pages

[HPI Connectors QRG](#)

English

Product Specifications

[Application Specification](#)

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Agency Approvals

[UL Report](#)

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