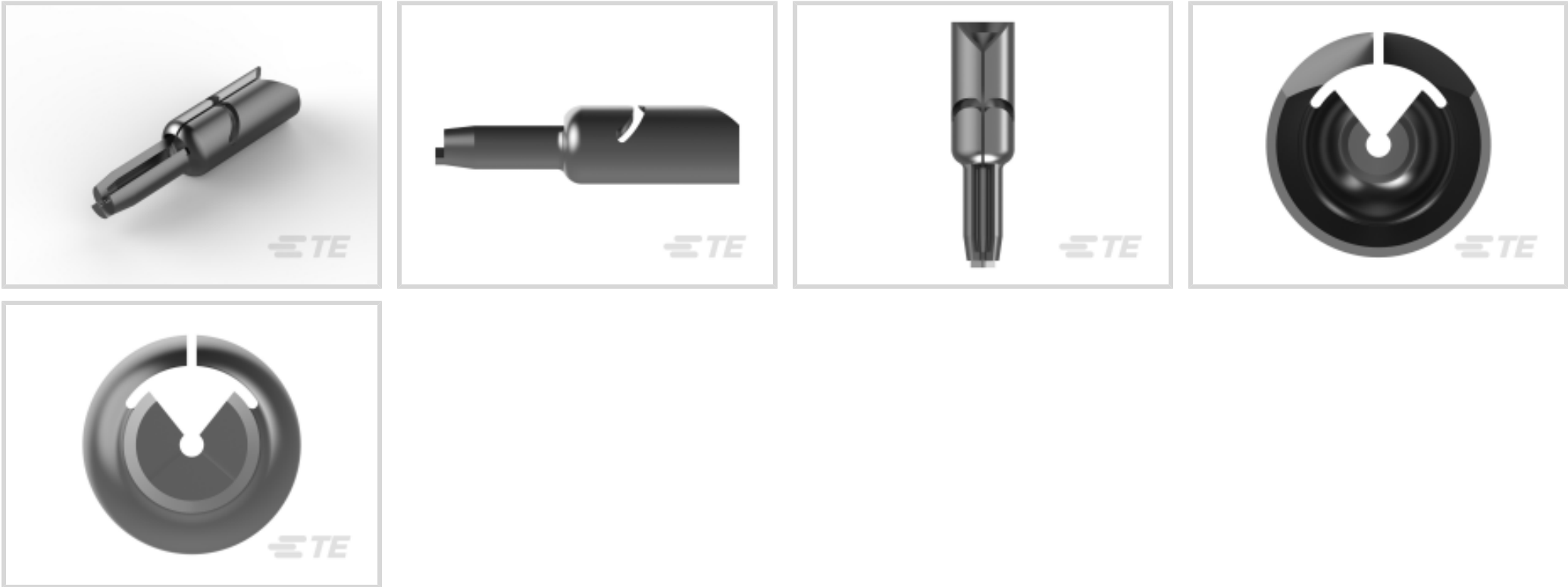




Terminals & Splices > PCB Terminals



PCB Terminal Type: **Receptacle**

PCB Thickness (Recommended): 1.19 – 1.57 mm [.047 – .094 in]

PCB Hole Diameter: 1.27 – 1.37 mm [.05 – .054 in]

Profile Height from PCB: 5.33 mm [.212 in]

Compatible Insulation Diameter (Max): 1.35 mm [.053 in]

Features

Product Type Features

Insertion Force	Normal
Compatible With Discrete Wire Type	Solid, Stranded

Contact Features

PCB Contact Termination Area Plating Material Thickness	5.08 µm[200 µin]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Crimp Type	IDC
Contact Mating Area Plating Material Thickness	5.08 µm[200 µin]
PCB Terminal Type	Receptacle
Terminal Plating Material	Pre-Tin
Contact Underplating Material	Nickel
Terminal Orientation	Straight

Termination Features

Termination Method to PCB	Through Hole - Solder
Product Terminates To	Printed Circuit Board



Mechanical Attachment

Wire Insulation Support	With
-------------------------	------

Dimensions

Extension Below Board	2.37 mm[.093 in]
PCB Thickness (Recommended)	1.19 – 1.57 mm[.047 – .094 in]
PCB Hole Diameter	1.27 – 1.37 mm[.05 – .054 in]
Profile Height from PCB	5.33 mm[.212 in]
Compatible Insulation Diameter (Max)	1.35 mm[.053 in]
Compatible Insulation Diameter Range	1.35 mm[.053 in]
Wire Size	.08 – .4 mm²

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]

Industry Standards

Compatible With Agency/Standards Products	UL
---	----

Packaging Features

Packaging Quantity	12000
Packaging Method	Reel

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: JAN 2025 (247) 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	Wave solder capable to 265°C

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>

Also in the Series | Special Purpose Terminals



PCB Terminals(2)



Quick Disconnects(9)

Customers Also Bought



TE Part #1-350942-0
02P UMNL HDR ASSY R/A 94VO



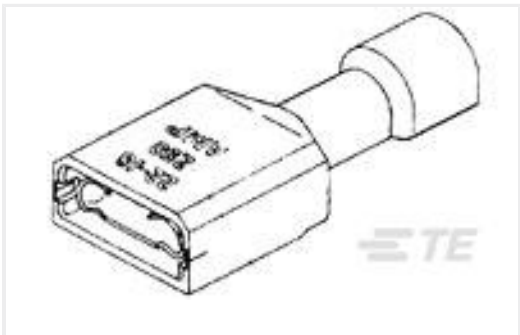
TE Part #1734366-1
Std USB Type A, VT, T/H



TE Part #5747836-4
09 MSFL RCPT RA 590 (IN,FM,BL)



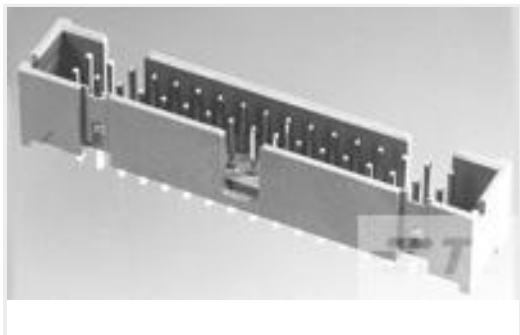
TE Part #2-644486-9
09P MTA100 SHRDED HDR ASSY SN



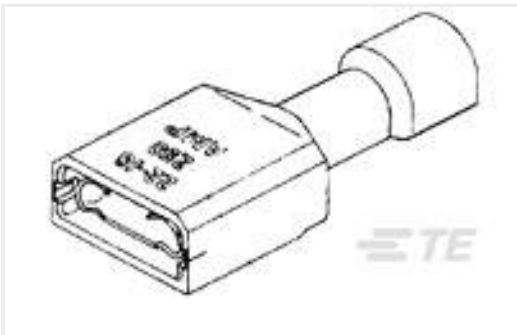
TE Part #3-520408-2
ULTRA-FAST 250 ASY REC 16-14 AWG
TPBR



TE Part #5145098-1
CONNECTOR ASSEMBLY, DUAL
POSIT



TE Part #5104338-3
A/L LOW PRO HDR 16P VERT HT



TE Part #2-520084-2
ULTRAFast 110 ASY REC 22-18
TPBR LP



Documents

Product Drawings

[AMP BARREL TERMINAL 22-28 AWG TNIPPHBZ](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1742254-2_C3.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1742254-2_C3.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1742254-2_C3.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[PRINTED CIRCUIT BOARD TERMINALS AND DISCONNECTS](#)

English

Product Specifications

[Application Specification](#)

English

[AMP-BARREL Terminals](#)

English