

2383445-2 ✓ ACTIVE

PowerTube | PowerTube 1000

TE Internal #: 2383445-2

Automotive Terminals, Socket, Pin Diameter 10 mm [.393 in], 0

AWG Wire Size, 50 mm<sup>2</sup> Wire Size, Locking Clean Body, PowerTube 1000

[View on TE.com >](#)



Terminals & Splices > Automotive Terminals



Terminal Type: **Socket**

Mating Pin Diameter: **10 mm [.393 in]**

Terminal Transmits: **100+ A (Very High Power)**

Wire Size: **50 mm<sup>2</sup>**

## Features

### Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Clean Body

### Contact Features

Terminal Type	Socket
Mating Pin Diameter	10 mm [.393 in]
Interface Plating	Silver (Ag)

### Termination Features

Product Terminates To	Wire
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### Dimensions

Wire Size	50 mm <sup>2</sup>
Wire Size Search	0 AWG

### Usage Conditions

Operating Temperature (Max)	140 °C [284 °F]
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Operating Temperature Range -40 – 140 °C[-40 - 284 °F]

**Other**

Terminal Transmits	100+ A (Very High Power)
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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: JUNE 2022 (224) Candidate List Declared Against: JUL 2021 (219) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed 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**

 <p>TE Part # 1-2394085-2 Pre-ASSY,Finger Access,Code L</p>	 <p>TE Part # 2-2394085-1 Pre-ASSY,Tool Access,Code A</p>	 <p>TE Part # 2-2394085-2 Pre-ASSY,Tool Access,Code B</p>	 <p>TE Part # 2-2394085-3 Pre-ASSY,Tool Access,Code C</p>
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TE Part # 2-2394085-5  
Pre-ASSY, Tool Access, Code E



TE Part # 2-2394085-6  
Pre-ASSY, Tool Access, Code F



TE Part # 2-2394085-7  
Pre-ASSY, Tool Access, Code G



TE Part # 2-2394085-9  
Pre-ASSY, Tool Access, Code J



TE Part # 2394085-2  
Pre-ASSY, Finger Access, Code B



TE Part # 2394085-6  
Pre-ASSY, Finger Access, Code F



TE Part # 2394085-8  
Pre-ASSY, Finger Access, Code H



TE Part # 3-2394085-2  
Pre-ASSY, Tool Access, Code L



TE Part # 3-2394085-3  
Pre-ASSY, Tool Access, Code M



TE Part # 2394085-1  
Pre-ASSY, Finger Access, Code A



TE Part # 1-2394085-1  
Pre-ASSY, Finger Access, Code K



TE Part # 1-2394085-3  
Pre-ASSY, Finger Access, Code M



TE Part # 2-2394085-4  
Pre-ASSY, Tool Access, Code D



TE Part # 2-2394085-8  
Pre-ASSY, Tool Access, Code H




TE Part # 2394085-3  
Pre-ASSY, Finger Access, Code C



TE Part # 2394085-4  
Pre-ASSY, Finger Access, Code D


Also in the Series | PowerTube 1000




Automotive Connector Caps & Covers  
(3)



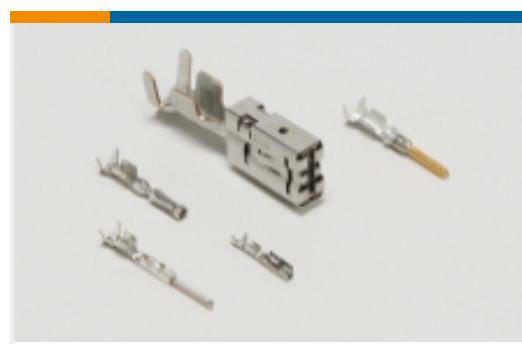
Automotive Connector EMC Shielding  
(6)



Automotive Housings(14)



Automotive Seals & Cavity Plugs(3)

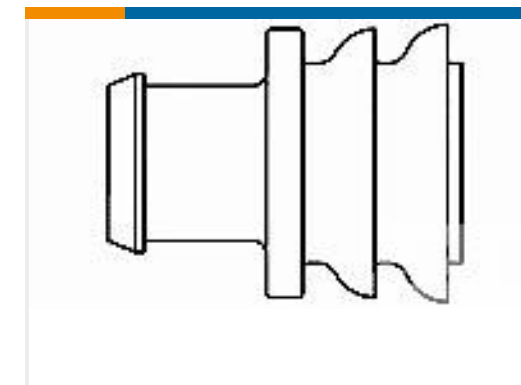


Automotive Terminals(3)



Other Automotive Connector Accessories(6)

## Customers Also Bought

TE Part #W2S  
DEUTSCH DT WedgelocksTE Part #0460-202-16141  
DEUTSCH SOLID CONTACTSTE Part #282104-1  
AMP SUPERSEAL 1.5MM,  
CONNECTOR HOUSINGTE Part #281934-2  
SINGLE WIRE SEALTE Part #DT04-2P  
DEUTSCH DT Series Housings &  
ConnectorsTE Part #114017-ZZ  
SEALING PLUG, SIZE 12/16, WHT

## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2383445-2\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2383445-2\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2383445-2\\_A.3d\\_stp.zip](#)

English

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