

2177787-1 ✓ ACTIVE



Charging Inlets

TE Internal #: 2177787-1

Automotive Connector Locks & Position Assurance, TPA (Terminal Position Assurance), Black, PA GF, -40 – 80 °C [-40 – 176 °F],
Charging Inlets

[View on TE.com >](#)

Connectors > Automotive Connectors > Automotive Connector Accessories > Automotive Connector Locks & Position Assurance



Connector & Contact Retention Accessory Type: **TPA (Terminal Position Assurance)**

Primary Product Color: **Black**

Primary Product Material: **PA GF**

Operating Temperature Range: **-40 – 80 °C [-40 – 176 °F]**

Features

Product Type Features

Connector & Contact Retention Accessory Type	TPA (Terminal Position Assurance)
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Body Features

Primary Product Color	Black
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Primary Product Material	PA GF
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Usage Conditions

Operating Temperature Range	-40 – 80 °C [-40 – 176 °F]
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	220
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Packaging Method	Box
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Other

Serviceable	No
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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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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>

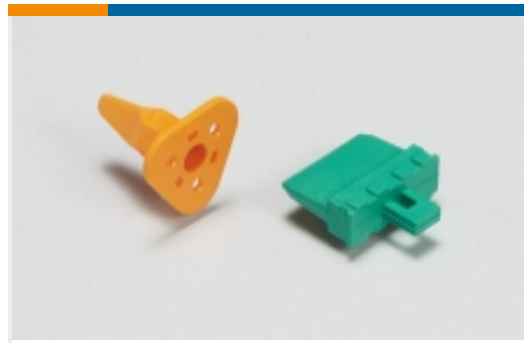
Compatible Parts

 <p>TE Part # 2177786-1 5POS, MIXED,HSG, IEC62196-2 TYPE 2,BK</p>	 <p>TE Part # 2177786-2 7POS, MIXED,HSG, IEC62196-2 TYPE 2,BK</p>	 <p>TE Part # 2177786-3 5POS, MIXED,HSG, IEC62196-2 TYPE 2,Top</p>	 <p>TE Part # 2177786-5 5POS, MIXED,HSG, IEC62196-2 TYPE 2,Left</p>
 <p>TE Part # 2177786-7 5POS, MIXED,HSG, IEC62196-2 TYPE 2,right</p>			

Also in the Series | Charging Inlets



Automotive Connector Caps & Covers (43)



Automotive Connector Locks & Position Assurance (17)



Automotive Housings (21)



Automotive Terminals (29)



Connector Backshells (4)



Connector Seals & Cavity Plugs (17)



Crimp Wire Pins, Tabs & Ferrules (6)



Electric, Hybrid & Fuel Cell Cable Assemblies (107)

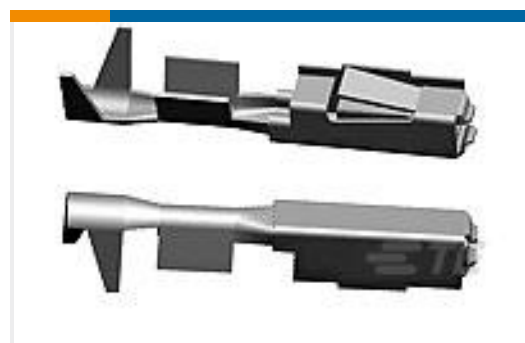


High Voltage Wire Processing Equipment (17)



Other Automotive Connector Accessories (6)

Customers Also Bought



TE Part #2141824-1
MQS0,63 Sn rec LL unseal. 0,13-0,17



TE Part #2177588-2
20POS NANO MQS TL PLUG HOUSING, CODE B



TE Part #2319937-3
REC CONN CVR,2POS,PCON21



TE Part #2319940-4
TPA REC HSG,2POS,PCON21



TE Part #9-2177796-1
O-RING,4x1.5



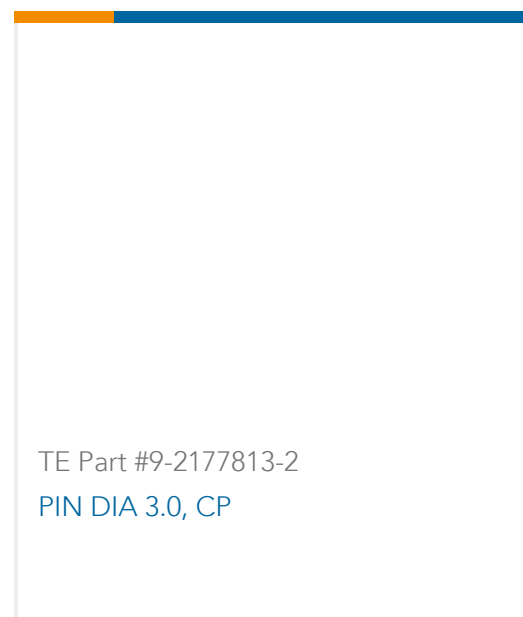
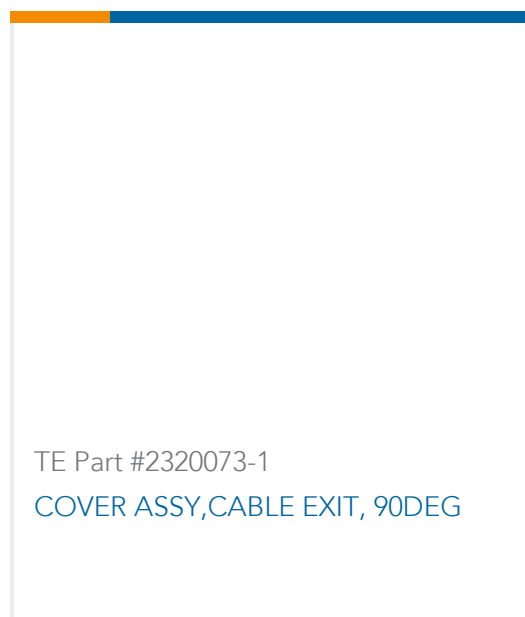
TE Part #9-2177810-2
PIN DIA 6.0, L/N, ASSY



TE Part #1-1241473-4
KUNSTSTOFFSCHRAUBE



TE Part #2-2208378-2
DIA 3MM CON, CONTACT



Documents

Product Drawings

[2. LOCK,TE, IEC62196-2 TYPE 2,BK](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2177787-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2177787-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2177787-1_A.3d_stp.zip](#)

English

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

Product Specifications

[Application Specification](#)

English