

Charging Inlets

TE Internal #: 2177787-1

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

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



Primary Product Color: **Black**

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

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
Primary Product Material	PA GF

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 Method	Box
Packaging Quantity	220

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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



TE Part # 2177786-1
5POS, MIXED,HSG, IEC62196-2 TYPE 2,BK



TE Part # 2177786-5
5POS, MIXED,HSG, IEC62196-2 TYPE 2,Left



TE Part # 2177786-2
7POS, MIXED,HSG, IEC62196-2 TYPE 2,BK



TE Part # 2177786-7
5POS, MIXED,HSG, IEC62196-2 TYPE 2,right



TE Part # 2177786-3
5POS, MIXED,HSG, IEC62196-2 TYPE 2,Top



Also in the Series

Charging Inlets

Automotive Connector Caps & Covers (56)	Automotive Connector Locks & Position Assurance(1)	Automotive Housings(30)	Automotive Terminals(2)
Connector Seals & Cavity Plugs(5)	Electric, Hybrid & Fuel Cell Cable Assemblies(101)	High Voltage Wire Processing Equipment(17)	

Customers Also Bought

TE Part #2208829-1 RETAINER, FOR MCON1.2 CB	TE Part #1801600-2 RECEPTACLE HOUSING, MCON, 10 W, SEALED	TE Part #964306-1 TAB A 5.8x0.8 CONTACT CF SRC Sn	TE Part #1534594-3 MCON 1.2 CB REC SRC AG
TE Part #1801600-1 RECEPTACLE HOUSING, MCON, 10 W, SEALED	TE Part #2141824-1 MOS0,63 Sn rec LL unseal. 0,13-0,17	TE Part #2137299-6 PACKAGE COMPONENT FOR 32P MIXE	TE Part #1-1241473-4 KUNSTSTOFFSCHRAUBE
TE Part #2141614-2 COVER, CABLE SEAL	TE Part #2-2293270-4 PIN DIA 6.0,RIGID,POWER PE		



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

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Product Specifications

Application Specification

English