2-1971904-2 ✔ ACTIVE

GRACE INERTIA | GRACE INERTIA 3.3

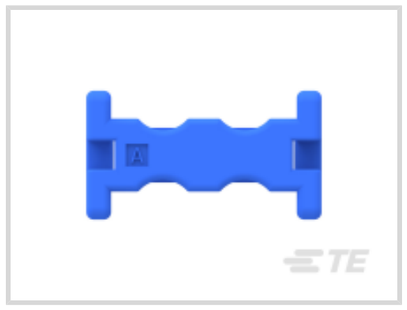
TE Internal #: 2-1971904-2

TPA (Terminal Position Assurance), GRACE INERTIA 3.3

View on TE.com >

Connectors > Connector Accessories > Connector Hardware




Hardware Accessory Function: **Position Assurance**

Connector Hardware Accessory Type: **TPA (Terminal Position Assurance)**

Operating Temperature (Max): **105 °C [221 °F]**

Operating Temperature Range: **-30 – 105 °C [-22 – 221 °F]**

Features

Product Type Features

Hardware Accessory Function	Position Assurance
Connector Hardware Accessory Type	TPA (Terminal Position Assurance)

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Product Compliance

For compliance documentation, visit the product page on TE.com>

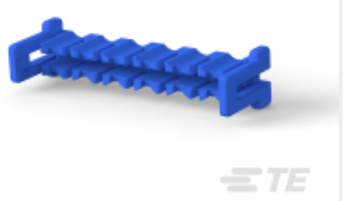
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900

	ppm.
Solder Process Capability	Not reviewed for solder process capability

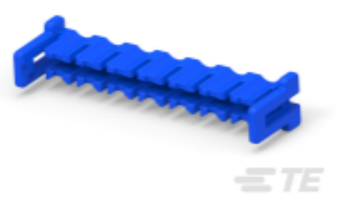
Product Compliance Disclaimer

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

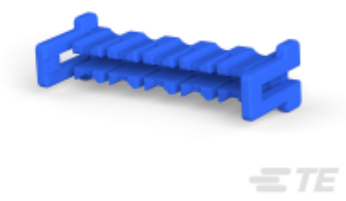
Compatible Parts



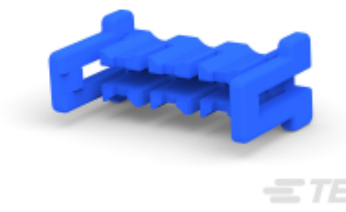
TE Part # 2-1971904-6
TPA 12POS,NEW GIC3.3



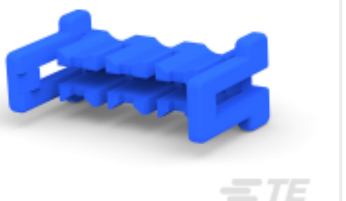
TE Part # 2-1971904-7
TPA 14POS,NEW GIC3.3



TE Part # 2-1971904-5
TPA 10POS,NEW GIC3.3



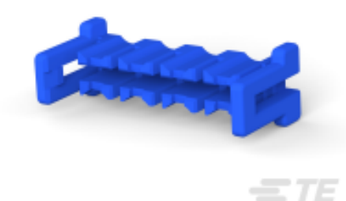
TE Part # 2-1971904-3
TPA 6POS,NEW GIC3.3



TE Part # CAT-G7534-T669
GRACE INERTIA TPA



TE Part # 4-1971904-3
TPA 6POS,YELLOW,NEW GIC3.3



TE Part # 2-1971904-4
TPA 8POS,NEW GIC3.3

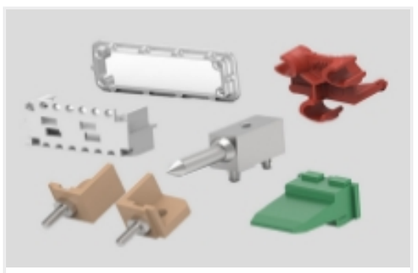


TE Part # 4-1971904-2
TPA 4POS,NEW GIC3.3

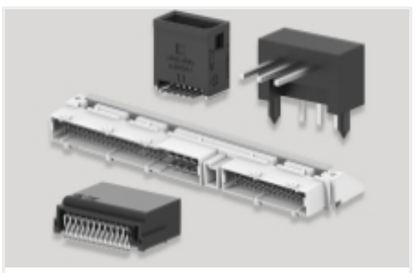
Also in the Series | GRACE INERTIA 3.3



Connector Contacts(3)



Connector Hardware(15)



PCB Headers & Receptacles(36)



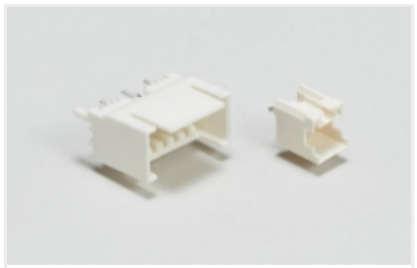
Power Contacts(3)



Rectangular Power Connectors(70)



Wire-to-Board Connector Assemblies & Housings(34)



Wire-to-Board Headers & Receptacles (36)

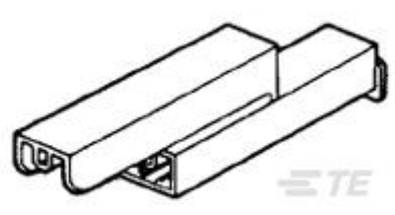
Customers Also Bought



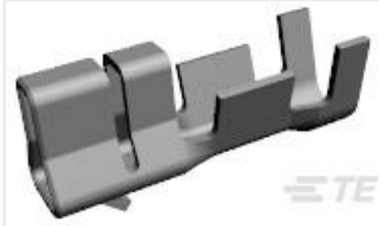
TE Part #170011-2
RING STRIP 18-14 MM2 0.503 X 11.938 TPBR



TE Part #170324-1
187 PL MKII REC. 24-20AWG PTBR



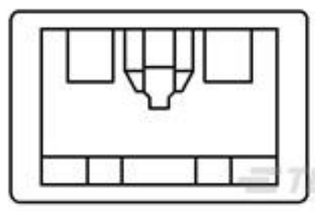
TE Part #1-174712-1
187 HSG. PL MKII REC. 6.65mm 2P NAT



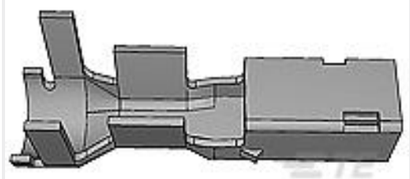
TE Part #917683-1
2.5 SIGNAL DBL LOCK REC CONT L



TE Part #1-1123823-1
EP IP PLUG NATURAL



TE Part #1318954-1
250 HSG. PL EX REC. NAT



TE Part #1376347-1
5MM POWER KEY CONN REC CONT L



TE Part #1376348-1
5MM POWER KEY CONN REC CONT M



TE Part #4-1971905-2
PLUG HOUSING 4POS,KEYING-D, NEW GIC3.3



TE Part #1983780-1
NG GIC 3.3 REC CONTACT TIN PLATE

Documents

Product Drawings

TPA 4POS,NEW GIC3.3

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1971904-2_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-1971904-2_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1971904-2_C.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

Agency Approvals

UL Report

English