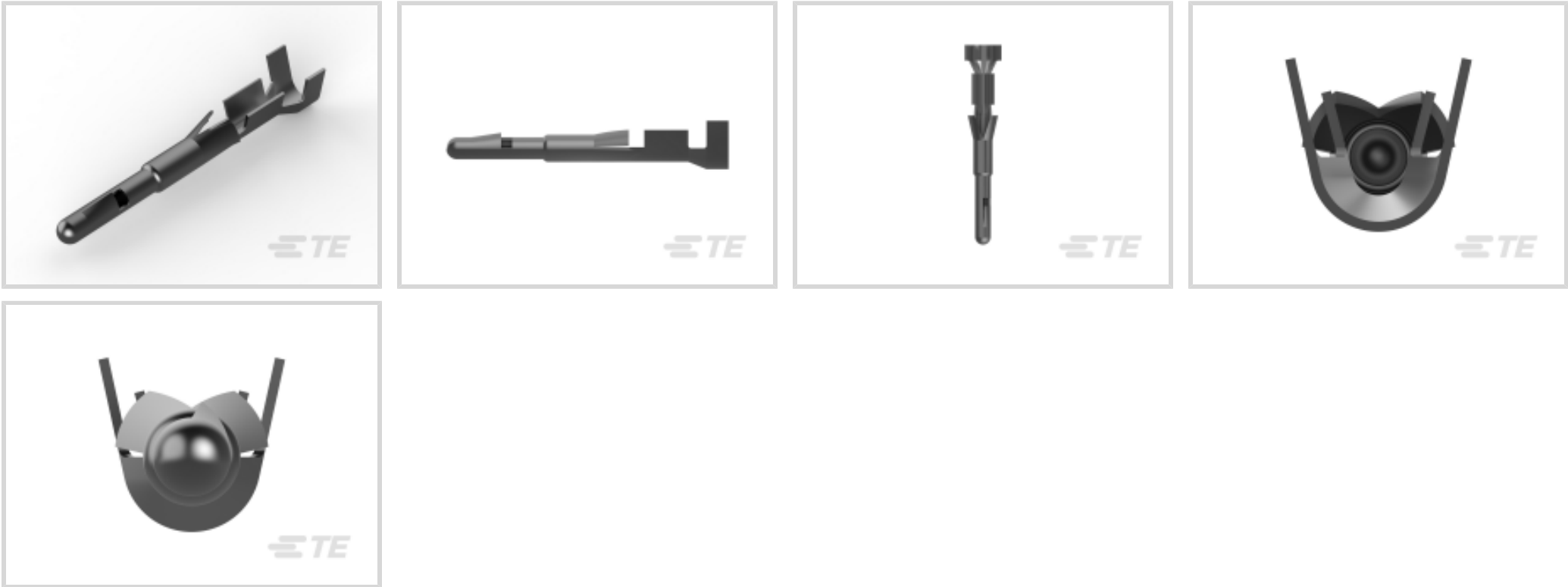




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Tin**

Wire Contact Termination Area Plating Material: **Pre-Tin**

Contact Retention Within Housing: **With**

Contact Retention Type Within Housing: **Locking Lance**

Features

Product Type Features

Discrete Wire Type	Stranded
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Contact Features

Mating Pin Diameter	1.52 mm[.06 in]
Wire Contact Termination Area Plating Thickness	3.3 μm[130 μin]
	3.302 μin
Contact Orientation	Straight
Contact Type	Pin
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Retention Within Housing	With
Contact Base Material	Brass

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable



Mechanical Attachment

Wire Insulation Support	Without
Contact Retention Type Within Housing	Locking Lance

Dimensions

Compatible Insulation Diameter Range	1.52 - 2.79 mm[.06 - .109 in]
Wire Size	.33 - .82 mm²

Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Quantity	7500
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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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	Pin-in-Paste capable to 260°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>



Compatible Parts

 TE Part # 1-480284-0 08P CMNL CAP HSG M/M NATL	 TE Part # 1-480277-0 09P CMNL CAP HSG P/M NATL	 TE Part # 1-480276-0 06P CMNL CAP HSG P/M NATL	 TE Part # 1-480439-0 16P CMNL CAP HSG M/M NATL
 TE Part # 1-480345-0 08P CMNL CAP HSG F/H NATL	 TE Part # 1-480340-0 06P CMNL CAP HSG F/H NATL	 TE Part # 1-480278-0 12P CMNL CAP HSG P/M NATL	 TE Part # 1-480324-0 15P CMNL CAP HSG P/M NATL
 TE Part # 170924-1 MNL 2 POS NATURAL PIN HSG	 TE Part # 1-480426-0 04P CMNL CAP HSG F/H NATL	 TE Part # 1-480498-1 02P CMNL CAP HSG F/H BLK	 TE Part # 1-480319-9 02P CMNL CAP HSG F/H BLK
 TE Part # 1-480319-0 02P CMNL CAP HSG NATL	 TE Part # 794048-1 08P CMNL CAP HSG D/L	 TE Part # 1-480350-0 01P CMNL CAP HSG F/H NATL	 TE Part # 1-480351-0 01P CMNL CAP HSG NATL
 TE Part # 925075-6 4W CIRCULAR MATE-N-LOK PIN HSG NAT	 TE Part # 1-480286-0 10P CMNL CAP HSG M/M NATL	 TE Part # 1-480339-0 10P CMNL CAP HSG F/H NATL	 TE Part # 1-480726-0 03P CMNL CAP HSG D/L NAT

Also in the Series | Commercial MATE-N-LOK



Connector Caps & Covers(2)



Connector Contacts(150)



Connector Seals & Cavity Plugs(1)



Crimp Wire Pins, Tabs & Ferrules(2)



Insertion & Extraction Tools(3)



Rectangular Connector Housings(9)



Rectangular Power Connectors(167)



Standard Circular Connectors(2)



Standard Rectangular Connectors(7)

Customers Also Bought



TE Part # HD36-18-20PN
PLG, 20P, AL, N, 16/20, P



TE Part # DT04-12PA-B016
DEUTSCH DT Receptacle Connectors



TE Part # 60187-2
SPRING SPADE CRIMP 18-14 AWG
TPBR



TE Part # 61867-2
RING CRIMP 18-14 AWG TPBR



TE Part # 61795-6
RING 18-14 AWG TPBR



TE Part # DT06-08SA-P012
PLG, 8P, GRY, N, SEAL RET, A



TE Part # DT06-6S-P012
PLG, 6P, BLK, N, SEAL RET

Documents



Product Drawings

AUTO MNL PIN PTPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_61366-1_AE.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_61366-1_AE.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_61366-1_AE.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_61366-1_V.2d_dxf.zip

English

Customer View Model

ENG_CVM_61366-1_V.3d_igs.zip

English

Customer View Model

ENG_CVM_61366-1_V.3d_stp.zip

English

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Product Specifications

Application Specification

English