



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**
Contact Mating Area Plating Material: **Gold (Au)**
Wire Contact Termination Area Plating Material: **Gold**
Operating Voltage: **600 VAC**
Contact Retention Within Housing: **With**

Features

Product Type Features

Discrete Wire Type	Stranded
--------------------	----------

Electrical Characteristics

Operating Voltage	600 VAC
-------------------	---------

Contact Features

Contact Underplating Material	Nickel
Contact Orientation	Straight
Mating Pin Diameter	2.18 mm[.086 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Shape & Form	Split
Wire Contact Termination Area Plating Thickness	.76 µm[30 µin]
Contact Type	Pin
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Gold



Contact Retention Within Housing	With
Contact Base Material	Brass
Contact Current Rating (Max)	19 A

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 – 3.3 mm[.06 – .13 in]
Wire Size	.5 – 2 mm²

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
-----------------------------	----------------------------

Operation/Application

Circuit Application	Power
---------------------	-------

Industry Standards

Compatible With Agency/Standards Products	CSA, UL, VDE
---	--------------

Packaging Features

Packaging Quantity	5000
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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

Not applicable 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 # 1-794761-8
09P UMNL CAP HSG,P/MT,V0,GRAY



TE Part # 926309-3
10P UN-MNL AUFN-GEH



TE Part # 926307-3
6P UN-MNL AUFN-GEH



TE Part # 1-350784-9
15P UMNL V0CAP HSG BLACK



TE Part # 350720-4
09P UMNL PLUG HSG UL94VO



TE Part # 5-2151500-2
OCEAN_2.0_APPLICATOR-S-090F130F-RSA



TE Part # 794716-1
12P UMNL CAP HSG NATL,PAN MNT



TE Part # 1-1604941-1
UMNL BULKHEAD CONN,12 POS



TE Part # 1-480711-2
15P UMNL CAP HSG RED



TE Part # 1-1604210-1
UMNL BULKHEAD CONN,6 POS

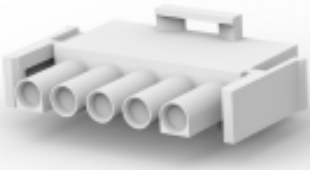


TE Part # 1-350766-2
03P UMNL V0 PLUG HSG RED



TE Part # 1-480706-1
09P UMNL PLUG HSG BRN





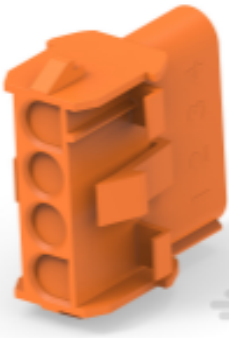
TE Part # 1-480763-0
05P UMNL PLUG HSG NATL



TE Part # 1-480699-8
02P UMNL CAP HSG GRY



TE Part # 1-480701-6
03P UMNL CAP HSG BLU



TE Part # 1-480703-3
04P UMNL CAP HSG ORNG



TE Part # 1-480699-5
02P UMNL CAP HSG GRN



TE Part # 1-480701-5
03P UMNL CAP HSG GRN



TE Part # 1-480708-0
12P UMNL PLUG HSG NATL



TE Part # 1-350767-9
03P UMNL V0 CAP HSG BLACK

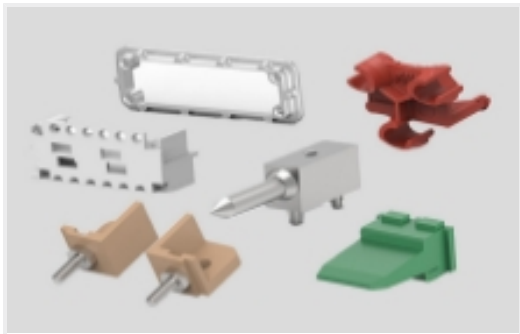
Also in the Series | Universal MATE-N-LOK



Circular Power Connectors(2)



Connector Contacts(208)



Connector Hardware(12)



Power Contacts(208)



Rectangular Power Connectors(651)



Standard Circular Connectors(1)

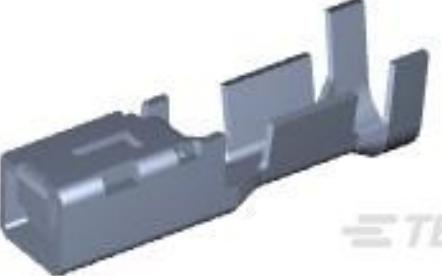
Customers Also Bought



TE Part #1747995-1
GHC EYELET 6.2 3POS PLUG
HOUSING NATURAL



TE Part #2238007-1
TERMINAL, PIN, LANCELESS, 22-26
AWG, EP2



TE Part #1746971-1
GRACE INERTIA CONNECTOR 6.2
MM PITCH REC



TE Part #2382224-1
EP 2.5 RCPT CONTACT, 26-22 AWG,
Low IF



TE Part #175193-1
[187 PL EX FLAG REC. 22-16AWG PTBR](#)

TE Part #5-2295787-7
[STD TIMER PLUG HSG 7P W/EXT. LOCKING-SP](#)

TE Part #CAT-G7534-P729A
[Glow Wire GRACE INERTIA Plug](#)

TE Part #350561-2
[UMNL PIN 24-18 .0126 AU/BR](#)

Documents

Product Drawings

[UMNL SPLIT PIN AUBR](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_350687-2_BJ.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_350687-2_BJ.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_350687-2_BJ.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL](#)

English