



DEUTSCH

TE Internal #: ZPF000000000001905
Gold (Au), Socket Contact, 10 – 8 AWG, 115 VAC, 115 VDC, 5.26 – 8.36 mm² Wire, Spring Contact Retention, Size 8, Discrete Wire, Crimp, Copper Alloy

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts

Contact Type: **Socket**
Contact Mating Area Plating Material: **Gold (Au)**
Wire Contact Termination Area Plating Material: **Gold**
Operating Voltage: **115 VDC**

Features

Product Type Features

Sealable	Yes
----------	-----

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
-----------------------------------	---------------

Electrical Characteristics

Operating Voltage	115 VDC
-------------------	---------

Contact Features

Barrel Type	Closed
Contact Type	Socket
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Gold
Contact Retention Within Housing	With
Contact Size	Size 8
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	46 A

Termination Features

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

Mechanical Attachment

Contact Retention Type Within Housing	Spring
---------------------------------------	--------

Dimensions

Wire Size	5.26 – 8.36 mm²
-----------	-----------------



Usage Conditions

Operating Temperature Range	-65 – 175 °C[-85 – 347 °F]
-----------------------------	----------------------------

Operation/Application

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

Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (1.2% in alloy) Dodecamethylcyclohexasiloxane (D6) (1% in component) Decamethylcyclopentasiloxane (D5) (1% in component) Octamethylcyclotetrasiloxane (D4) (1% in component) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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>

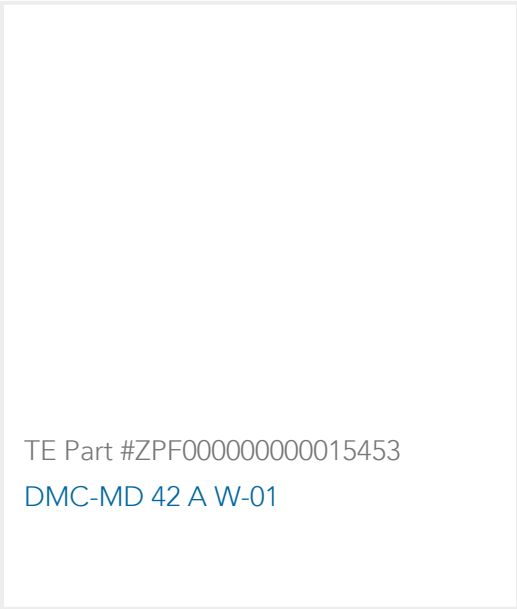
Customers Also Bought



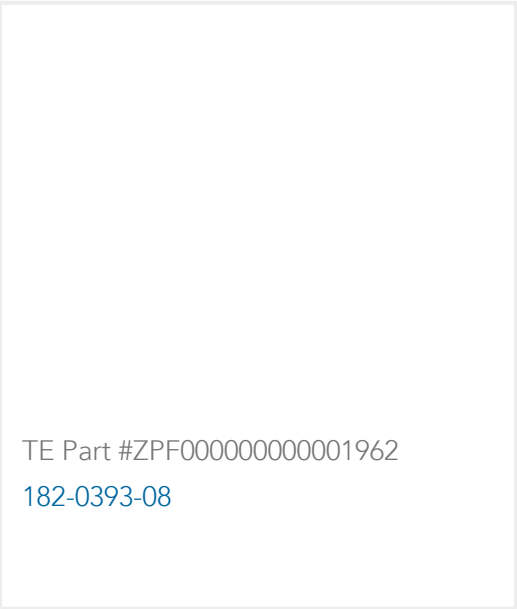
TE Part #CAT-R21-T7902
Single Wall VPB: Heat Shrink Tubing, 2:1 Shrink Ratio



TE Part #D14966-000
D-SCE-2.4-50-S1-9



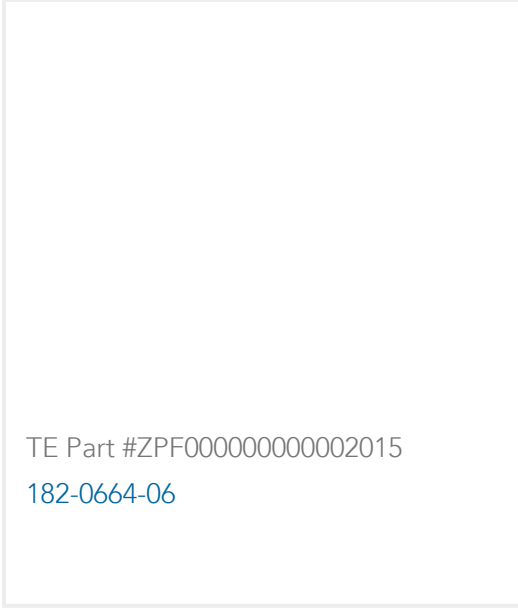
TE Part #ZPF00000000015453
DMC-MD 42 A W-01



TE Part #ZPF0000000001962
182-0393-08



TE Part #ZPF00000000008528
983-6S 08-03 SN-L



TE Part #ZPF00000000002015
182-0664-06



TE Part #1577618-1
TERMINAL RT PIDG PEEK STRATO 24-22 AWG



TE Part #ZPF00000000099320
D-EASY 03 B 02



TE Part #ZPF000000000137412
D-EASY 03 B 05

Documents

Datasheets & Catalog Pages
DEUTSCH High Power Contacts for MIL-DTL-5015
English