42428-5 ✔ ACTIVE

TE Internal #: 42428-5

Crimp Wire Pins, Tabs & Ferrules, Receptacle, Mating Pin Diameter 1.02 mm [.04 in], 24 - 20 AWG Wire Size, .2 - .6 mm² Wire Size

View on TE.com >

Terminals & Splices > Crimp Wire Pins, Tabs & Ferrules

Crimp Wire Terminal Type: **Receptacle**

Mating Pin Diameter: **1.02 mm [.04 in]**

Compatible Insulation Diameter Range: **1.22 - 1.8 mm, 1.8 mm [.048 - .071 in, .071 in]**

Wire Size: **.2 - .6 mm²**

Features

Product Type Features

Compatible With Discrete Wire Type	Solid, Stranded
Wire Insulation Support Retention Type	Insulation Support

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire

Contact Features

Crimp Wire Terminal Type	Receptacle
Mating Pin Diameter	1.02 mm[.04 in]
Barrel Type	Open
Terminal Plating Material	Tin
Terminal Orientation	Straight

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Compatible Insulation Diameter Range	1.22 - 1.8 mm, 1.8 mm[.048 - .071 in][.071 in]
Wire Size	404 - 1021 CMA

Barrel Inside Diameter	.89 mm, 1.39 mm[.035 in][.055 in]
Terminal Material Thickness	.3 mm[.012 in]
Overall Product Length	11.43 mm[.45 in]

Usage Conditions

Insulation Option	Uninsulated

Packaging Features

Packaging Quantity	20000
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	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

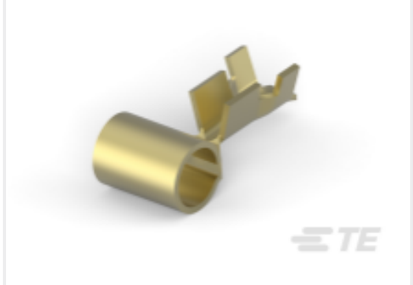
TE Part # 140712-2
PIN .155 DIA REC 18-14 AWG TPBR

TE Part # 42745-2
PIN 090 FLAG RECEPTACLE 20-14 AWG TPPHBZ

TE Part # 62160-1
PIN .040 RECEPTACLE 24-20 AWG TPPHBZ

TE Part # 60733-1
PIN .090 RECEPTACLE TPPHBZ

TE Part # 62358-1
PIN .080 (2.03 MM) 24-20 AWG TPBR



TE Part # 344469-2
ANGLE PIN RECEPTACLE 20-16 AWG PHBRZ

TE Part # 60885-2
PIN .055 REC 24-20 AWG TPPHBZ

TE Part # 60376-1
PIN 090 RECEPTACLE 20-14 AWG TPPHBZ

TE Part # 140712-1
TERMINAL SOCKT DIA 4 AWG 14 18 BLANK

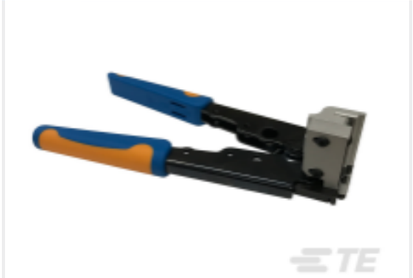
TE Part # 154740-2
PIN .175 DIA REC 20-16AWG PB

TE Part # 160783-6
2,0 MM.DIA PIN REC

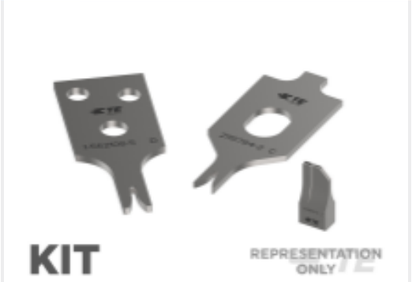
TE Part # 160784-3
REC.FOR 2,5 DIA PIN

TE Part # 2151753-1
OCEAN_2.0_Applicator-S-062F080F-RSM

TE Part # 2151753-2
OCEAN_2.0_Applicator-S-062F080F-RSA



TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 7-2151753-7
OCEAN_2.0_SPARE_PART_KIT-062F080F

TE Part # 7-2151753-1
OCEAN_2.0_Applicator-S-062F080F

TE Part # 7-2151753-2
OCEAN_2.0_Applicator-S-062F080F

Customers Also Bought

TE Part # 4-1437567-9
MPG106D=(MSPG) SWITCH PUSHBUTT

TE Part # 60553-1
RING CRIMP 24-20 AWG TPBR

TE Part # 1825603-1
BP1532004=Boot,Pushbutton

TE Part # 8-1437627-6
G12KC=BUTTON GUARD KNURL CHROM

TE Part # F43936-000
B-155-3811

TE Part # 2151252-2
OCEAN_2.0_APPLICATOR-S-055F080O-RSA

TE Part # 2151726-2
OCEAN_2.0_APPLICATOR-S-160F210OV-RSA

TE Part # 2266280-2
OCEAN_2.0_Applicator-S-067F066F-RSA

TE Part # 456403-4
CRIMPER WIRE .062 F

TE Part # 108556-000
DS-MIXT-05-RSU

Documents

Product Drawings

PIN TERMINAL RECEPTACLE 24-20 AWG TPPHBZ

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_42428-5_CR.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_42428-5_CR.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_42428-5_CR.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Product Specifications

Application Specification

English