

42428-5 ✓ ACTIVE

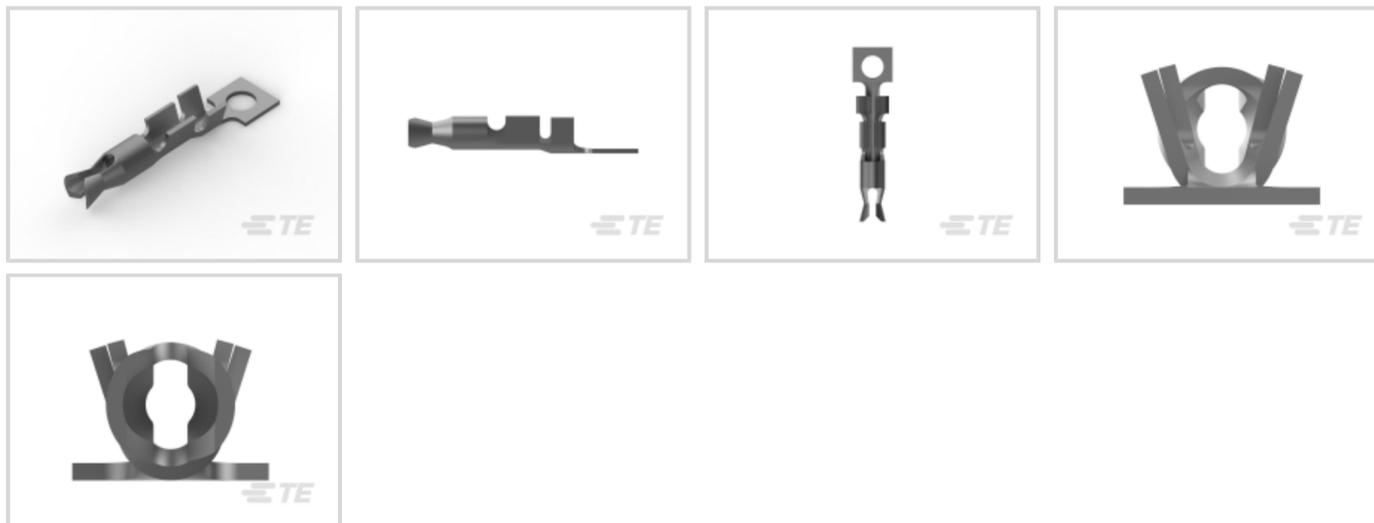
TE Internal #: 42428-5

Receptacle Terminal, 1.02 mm [.04 in] Pin Diameter, 24 – 20 AWG, .2 – .6 mm² Wire, 404 – 1021 CMA, 11.43 mm [.45 in] Length, Open Barrel, Tin Plating

[View on TE.com >](#)



Terminals & Splices > Crimp Wire Pins, Tabs & Ferrules



Crimp Wire Terminal Type: **Receptacle Terminal**

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 Terminal

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
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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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



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



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



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



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



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



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



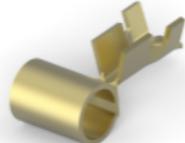
TE Part # 7-2151753-7
OCEAN_2.0_SPARE_PART_KIT-062F080F



TE Part # 160783-6
2.0 MM.DIA PIN REC



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



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



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



TE Part # 60733-1
PIN .090 RECEPTACLE TPPHBZ



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



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



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

Customers Also Bought



TE Part #5052894108
RNF-100-1/16-BK-SP



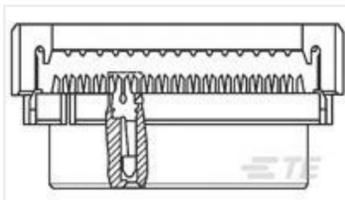
TE Part #TRAB806-17103P
TRAB806-17103P



TE Part #CONSMSA010-G
SMA Jack to SMA Plug RA



TE Part #ADP-SMAF-SMAF-B-G
SMA Jack to SMA Jack Bulkhead



TE Part #1-111626-7
10, 2MM, 30 DP, LEAD FREE



TE Part #207463-1
CRIMP SNAP RCPT ASSY,SZ 3



TE Part #1-215083-0
MICRO-MATCH MOW.10P



TE Part #3-640441-3
03P MTA100 CONN ASSY WHT



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



TE Part #7-1452671-1
MCON 1.2 LL REC SWS SN

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

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Product Specifications

Application Specification

English