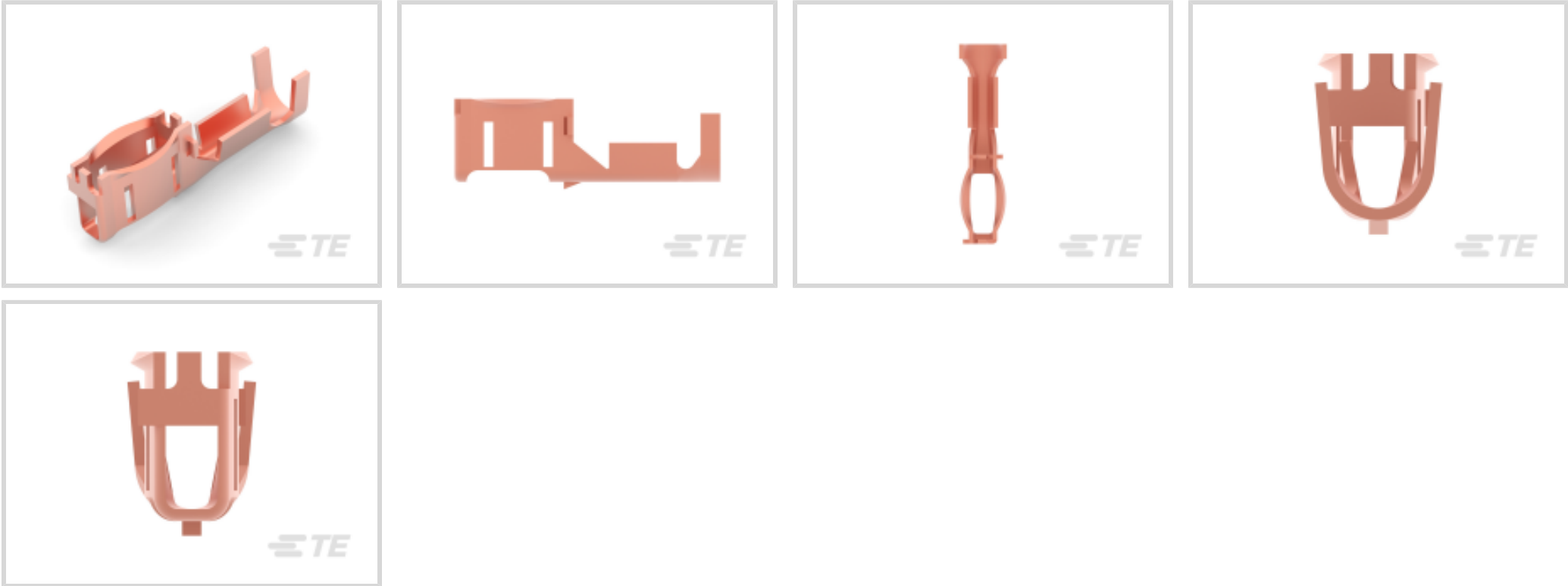




TE Internal #: 316294-1
Receptacle, 22 – 15 AWG Lead Wire, .326 – 1.65 mm² Lead Wire, Crimp, 7.35 mm [.29 in] Crimp Area Length, Tin Plating, Magnet Wire Terminals

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Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Receptacle**
Mating Pin Diameter: **3.2 mm [.125 in]**
Compatible Insulation Diameter (Max): **3.5 mm [.138 in]**
Compatible Insulation Diameter Range: **1.3 – 3.5 mm [.051 – .138 in]**
Lead Wire Size: **.326 – 1.65 mm²**

Features

Product Type Features

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

Contact Features

Magnet Wire Terminal Type	Receptacle
Mating Pin Diameter	3.2 mm[.125 in]
Terminal Plating Material	Tin
Terminal Orientation	Straight

Termination Features

Termination Method to Wire & Cable	Crimp
Crimp Area Length	7.35 mm[.29 in]

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Terminal Height	7 mm[.276 in]
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Compatible Insulation Diameter (Max)	3.5 mm[.138 in]
Compatible Insulation Diameter Range	1.3 – 3.5 mm[.051 – .138 in]
Lead Wire Size	22 – 15 AWG
Stock Thickness (Magnet Wire Side)	.5 mm[.019 in]
Product Length	22.35 mm[.88 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-20 – 150 °C[-4 – 302 °F]

Operation/Application

Compatible With Wire Base Material	Aluminum, Copper
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Packaging Features

Packaging Quantity	4000
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 # 409643-1
EXT-TOOL FOR 3,2 CLUSTER REC

KIT
TE Part # 7-2150696-7
OCEAN_2.0_SPARE_PART_KIT-100F180F

TE Part # 316293-1
3.2 CLUSTER BLOCK HSG NATURAL

TE Part # 2150696-2
OCEAN_2.0_Applicator-E-100F180F-SEA

TE Part # 316293-2
DURABLE TYPE PBT FROM HYDROLYS

Customers Also Bought

TE Part #5-1376492-3
2.5MM SIGNAL MATE CONN ON TAPE

TE Part #9-176975-1
AMP UNIVERSAL POWER PLG 2P PCB

TE Part #1871845-3
GIC 2.5 ON TAPE HDR TIN VERSION 3P

TE Part #3-176976-4
UNIV.POWER HDR ASSY 3P

TE Part #1747996-1
GHC EYELET 12.4 2POS HEADER ASSY NATURAL

TE Part #1742881-1
250 FAST FLG RCPT AMVAR TPBR

TE Part #5-1376492-2
2.5 SMC HDR 2P WHITE TAPE

TE Part #62308-2
AMVAR SPLC 3000-7000 020TPBR



Documents

Product Drawings

3.2 CLUSTER REC S-TYPE

Japanese

CAD Files

Customer View Model

ENG_CVM_CVM_316294-1_F.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_316294-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_316294-1_F.3d_stp.zip

English

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

Datasheets & Catalog Pages

Magnet Wire Terminals & Splices

English

Product Specifications

3.2DIA Cluster Receptacle

English

Application Specification

English