166996-2 ✔ ACTIVE

AMPLIMITE

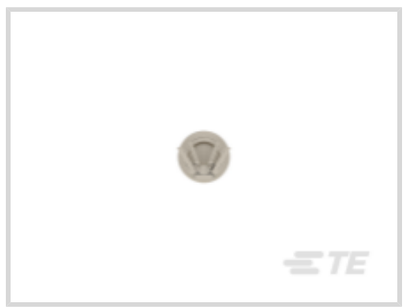
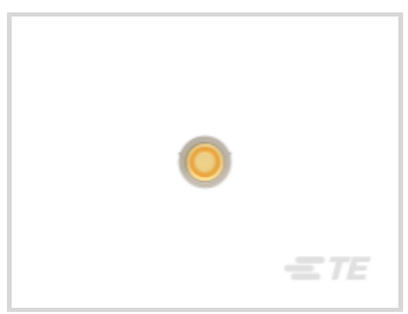
TE Internal #: 166996-2

Gold (Au), Socket Contact, 32 – 28 AWG, .032 – .09 mm² Wire, Snap-In Contact Retention, Size 20, Crimp, Phosphor Bronze, Signal

View on TE.com >

Connectors > Contacts > Connector Contacts > D-Sub Conn Contacts: Socket, Phosphor Bronze, Signal, Size 20



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold (Au)**

Contact Retention Type Within Housing: **Snap-In**

Contact Size: **Size 20**

Wire Size: **32 – 28 AWG**

All D-Sub Conn Contacts: Socket, Phosphor Bronze, Signal, Size 20 (51)

Features

Contact Features

	30 µin
Contact Underplating Material	Nickel
Mating Pin Diameter	1 mm
PCB Contact Termination Area Plating Material	Gold Flash
Contact Type	Socket
Contact Mating Area Plating Material	Gold (Au)
Contact Size	Size 20
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	1.2 A

Termination Features

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

Mechanical Attachment

Wire Insulation Support	With
Contact Retention Type Within Housing	Snap-In

Dimensions

Compatible Insulation Diameter Range	.5 – 1.02 mm[.02 – .04 in]
Wire Size	.032 – .09 mm²

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Identification Marking

Contact Color Code	Blue

Packaging Features

Packaging Method	Reel
Packaging Quantity	12500

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 # 2361497-1
SDE F PIN 32-20 ASSY



TE Part # 2361497-2
SDE F PIN 32-20 DIE SET

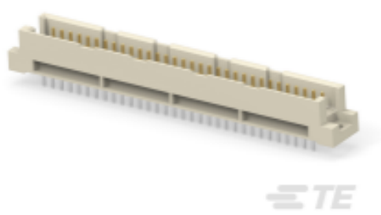


TE Part # 2837676-2
OCEAN-2.0-APPLICATOR-S-033F050O-SSA



TE Part # 91285-1
INSERT/EXTRACT TOOL ASSEMBLY

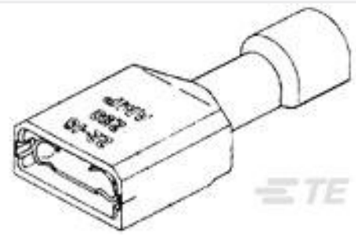
Customers Also Bought



TE Part #374002-E
STVR 64 MI AC VV 4-00 GA06 4,0 * 247 E00



TE Part #205204-4
CRIMP SNAP PLUG ASSY,SIZE 1



TE Part #3-350819-2
ULTRA-FAST 250 ASY REC 16-14 AWG TPBR



TE Part #543382-5
INSERT/EXTRACT TIP 25-KIT



TE Part #748364-1
15 HD22 CRIMP SNAP PLUG

Documents

Product Drawings

20DP CRIMP SOCKET

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_166996-2_Y.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_166996-2_Y.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_166996-2_Y.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications

Application Specification

English