5066682-6 ✔ ACTIVE

AMPLIMITE

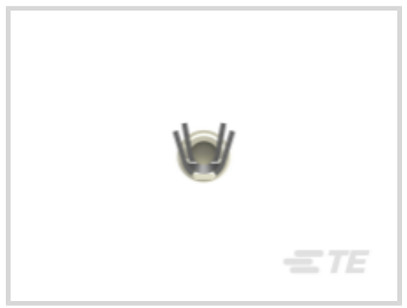
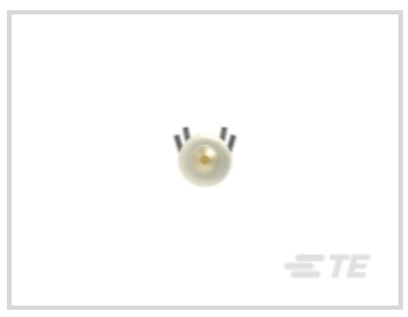
TE Internal #: 5066682-6

Pin Contact, Gold Flash, Snap-In Contact Retention, Size 20 Contact Size, 28 – 24 AWG Wire Size, .08 – .2 mm² Wire Size, Crimp, Brass, Signal

View on TE.com >

Connectors > Contacts > Connector Contacts > D-Sub Connector Contacts: Pin, Brass, Signal, Size 20



Contact Type: **Pin**

Contact Mating Area Plating Material: **Gold Flash**

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

Contact Size: **Size 20**

Wire Size: **28 – 24 AWG**

All D-Sub Connector Contacts: Pin, Brass, Signal, Size 20 (44)

Features

Identification Marking

Contact Color Code	Black

Packaging Features

Packaging Method	Reel
Packaging Quantity	10000

Dimensions

Compatible Insulation Diameter Range	1.27 – 1.52 mm[.05 – .06 in]
Wire Size	.08 – .2 mm²

Mechanical Attachment

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

Contact Features

Contact Underplating Material	Nickel

Mating Pin Diameter	1.02 mm[.04 in]
PCB Contact Termination Area Plating Material	Tin
	100 µin
Contact Type	Pin
Contact Mating Area Plating Material	Gold Flash
Contact Size	Size 20
Contact Base Material	Brass
Contact Current Rating (Max)	1.2 A

Termination Features

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

Usage Conditions

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

Operation/Application

Circuit Application	Signal

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 205838-1
CPC PLUG ASSEMBLY SIZE 11-8



TE Part # 206426-1
CPC PLUG ASSEMBLY SIZE 17-3



TE Part # 206226-1
CPC PLUG ASSEMBLY SIZE 23-7



TE Part # 206039-1
CPC PLUG ASSEMBLY SIZE 17-28



TE Part # 206437-1
CPC PLUG ASSEMBLY SIZE 23-57



TE Part # 206136-1
CPC PLUG ASSEMBLY SIZE 23-7



TE Part # 206485-1
CPC PLUG ASSEMBLY SIZE 11-9



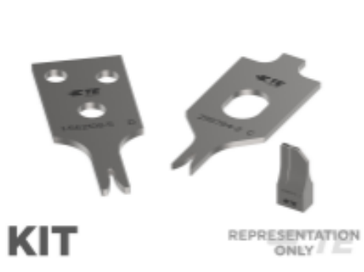
TE Part # 206434-1
CPC PLUG ASSEMBLY SIZE 11-8



TE Part # 206126-1
CPC PLUG ASSEMBLY SIZE 17-28



TE Part # 2837445-2
OCEAN_2.0_Applicator-S-042F062OA-RSA

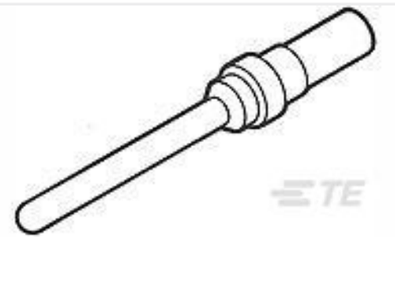


TE Part # 7-2837445-7
OCEAN_2.0_SPARE_PART_KIT-042F062O

Customers Also Bought



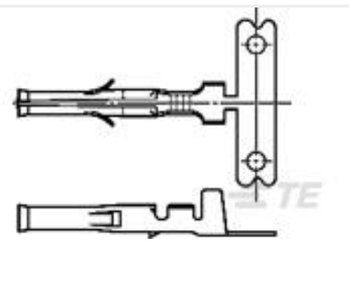
TE Part #745254-2
D-Sub Connector Contacts: Pin, Brass, Signal, Size 20



TE Part #205089-1
HD 20 PIN CONTACT



TE Part #350078-1
CMNL SOK 30-22 PTPBR



TE Part #640392-1
.062 COMM P&S SOK 24-30 PTPBR



TE Part #NB14882001
DWP-125-1/8-0-STK



TE Part #NB15574001
RNF-100-3/64-WH-SP



TE Part #CF2752-000
CGPE-105-1/16-6-0.375IN



TE Part #CF2751-000
CGPE-105-1/16-2-0.375IN

TE Part #690501-4
CAM, TERMINAL FEED

Documents

Product Drawings

CONT,PIN,PLATED,20DF,STRIP,#24-28

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5066682-6_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5066682-6_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5066682-6_B.3d_stp.zip

English

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

Datasheets & Catalog Pages

AMP Circular Connectors for Commercial Signal & Power Applications

English

Signal Contacts

English

AMPLIMITE Subminiature D Connectors - Cable Connectors

English

AMPLIMITE Cable Connectors and Shielding Hardware Kits QRG

English

Product Specifications

Application Specification

English

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English