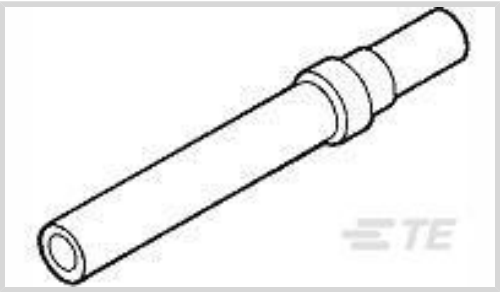




Connectors > D-Shaped Connectors > D-Sub Connector Contacts



Contact Type: **Socket**
D-Sub Contact Size: **20**
Contact Base Material: **Copper Alloy**
Contact Mating Area Plating Material: **Gold**
Termination Method to Wire & Cable: **Crimp**

Features

Product Type Features

Product Type	Contact
Connector & Contact Terminates To	Wire & Cable

Body Features

Color Code	Yes
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Contact Features

	50 µin
Contact Style	Standard
Contact Color Bands	Orange, Blue, Gray
Contact Underplating Material	Nickel
Contact Type	Socket
D-Sub Contact Size	20
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	7.5 A

Termination Features

Termination Post Length	.31 mm
Termination Method to Wire & Cable	Crimp

Dimensions



Insulation Diameter (Max)	.07 mm[1.83 in]
Post Diameter	.04 mm
Wire Size	.2 – .6 mm²

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Operation/Application

High Current	No
For Use With	AMPLIMITE
Circuit Application	Signal

Packaging Features

Packaging Quantity	1000
Packaging Method	Bag

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Pb (1.2% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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

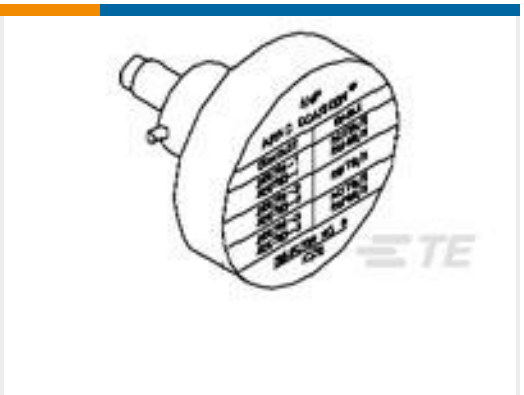
Product Compliance Disclaimer

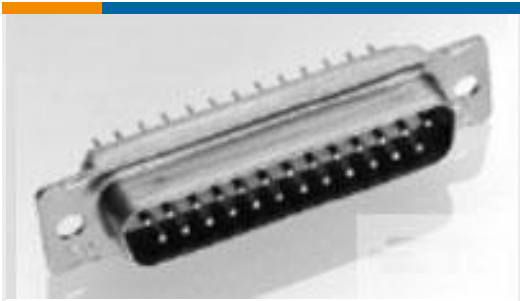
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



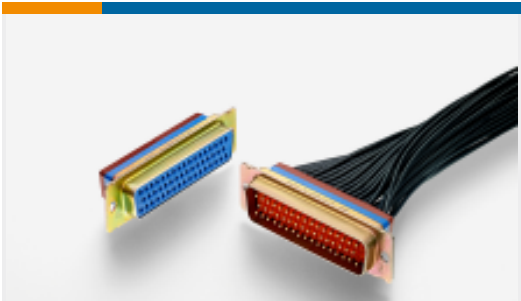
as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) ‘Guidance on requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

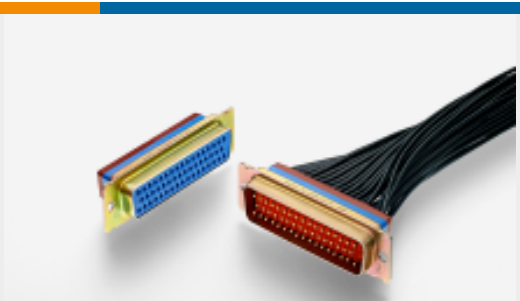
 TE Part # CAT-AM71-C83998M CPC SERIES 2	 TE Part # CAT-AM71-C83998BB CPC SERIES 3	 TE Part # 205167-1 RECEPT ASSY,37 POSN,AMPLIMITE	 TE Part # 205161-1 AMPLIMITE,ASY,RCPT,STD,109,1
 TE Part # 205161-5 AMPLIMITE,ASY,RCPT,109,1	 TE Part # 205165-1 RECEPT ASSY,25 POSN,AMPLIMITE	 TE Part # 205169-1 RECEPT ASSY,50 POSN,AMPLIMITE	 TE Part # 1-2221760-5 AMPLIMITE IP67, SZ5, 90, 78 POS, RCPT
 TE Part # 1-2221760-3 AMPLIMITE IP67, SZ3, 90, 44 POS, RCPT	 TE Part # 205419-1 RECEPT ASSY,37 POSN,AMPLIMITE	 TE Part # 2221760-1 AMPLIMITE IP67, SZ1, 90, 15 POS, RCPT	 TE Part # 2221760-3 AMPLIMITE IP67, SZ3, 90, 44 POS, RCPT
 TE Part # 2221760-2 AMPLIMITE IP67, SZ2, 90, 26 POS, RCPT	 TE Part # 211529-1 AMPLIMITE,ASY,RCPT,FB,109,5	 TE Part # 601966-5 K13-1 POSITIONER	 TE Part # 601966-1 CRIMPING TOOL M22520/2-01



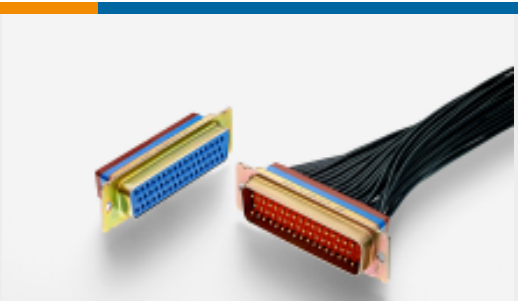
TE Part # 1757822-5
AMPLIMITE,ASY,RCPT,FB,109,ZN,5



TE Part # 1-2157481-3
AMPLIMITE IP67, SZ3, 109, 25 POS, RCPT



TE Part # 1-2221760-6
AMPLIMITE IP67, SZ6, 90, 104 POS, RCPT



TE Part # 2157481-1
AMPLIMITE IP67, SZ1, 109, 9 POS, RCPT

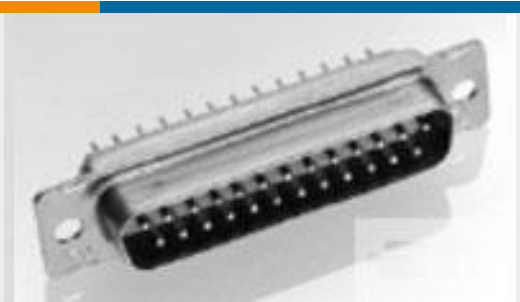
Customers Also Bought



TE Part #205205-7
CRIMP SNAP RCPT ASSY,SIZE 2



TE Part #1757820-3
AMPLIMITE,ASY,RCPT,STD,109,ZN,3



TE Part #205161-1
AMPLIMITE,ASY,RCPT,STD,109,1



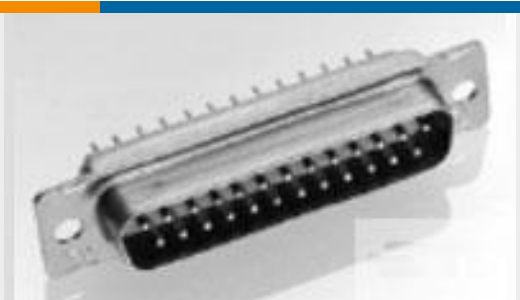
TE Part #1757819-3
AMPLIMITE,ASY,PLUG,STD,109,ZN,3



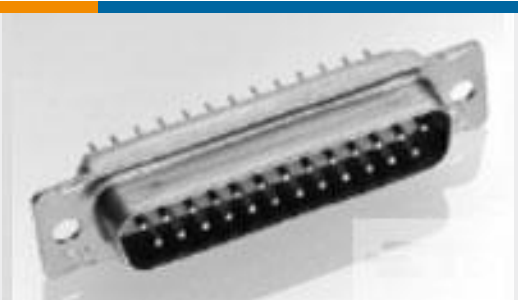
TE Part #1757819-4
AMPLIMITE,ASY,PLUG,STD,109,ZN,4



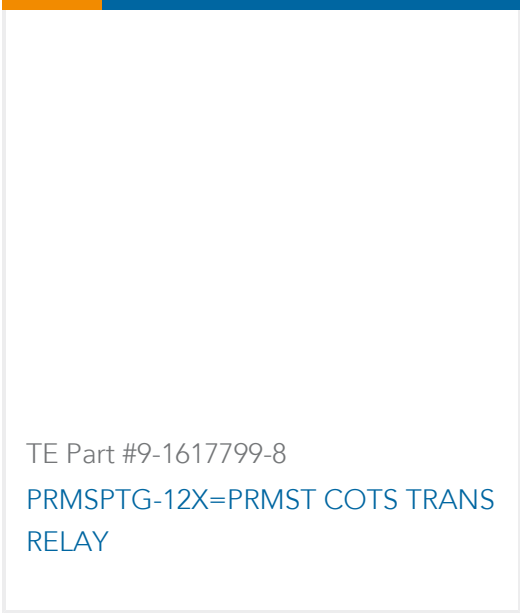
TE Part #1757820-2
AMPLIMITE,ASY,RCPT,STD,109,ZN,2



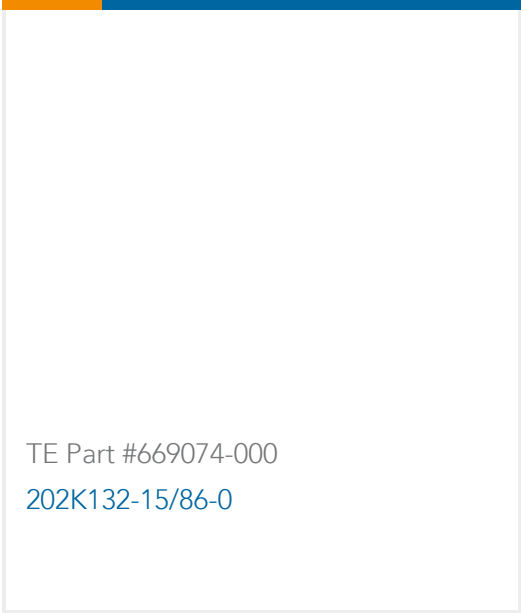
TE Part #1757820-4
AMPLIMITE,ASY,RCPT,STD,109,ZN,4



TE Part #1757820-5
AMPLIMITE,ASY,RCPT,STD,109,ZN,5



TE Part #9-1617799-8
PRMSPTG-12X=PRMST COTS TRANS RELAY



TE Part #669074-000
202K132-15/86-0

Documents

Product Drawings
HD 20 SOCKET CONTACT
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_205090-1_BB.2d_dxf.zip



English

Customer View Model

ENG_CVM_CVM_205090-1_BB.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_205090-1_BB.3d_stp.zip

English

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

Datasheets & Catalog Pages

1308940_Sec8_amplimite

English

AMP Circular Connectors for Commercial Signal & Power Applications

English

Product Specifications

Application Specification

English

AMPLIMITE 109 Pin And Socket Contacts Used With Astro Hand Tool

English

Product Environmental Compliance

MD_205090-1_12132017225_dmtec

English

MD_205090-1_12132017225_dmtec

English

Instruction Sheets

Instruction Sheet (U.S.)

English