



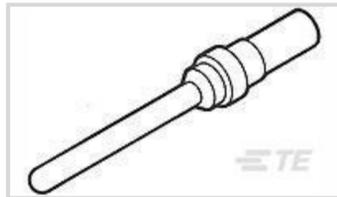
AMPLIMITE

TE Internal #: 205089-4

D-Sub Connector Contacts, Pin, Size 20, Copper Alloy, Gold, Crimp, 24 – 20 AWG Wire Size, .2 – .6 mm² Wire Size, Wire & Cable, 7.5 A, Signal

[View on TE.com >](#)

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



Contact Type: **Pin**

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	No
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Contact Features

	50 µin
Pin Diameter	.04 mm
Contact Style	Long
Contact Underplating Material	Copper
Contact Type	Pin
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	.33 mm
Termination Method to Wire & Cable	Crimp

Dimensions



Insulation Diameter (Max)	.07 mm[1.83 in]
Post Diameter	.04 mm[1.04 in]
Wire Size	.2 – .6 mm ²

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
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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 # 206800-2
PLG ASSY,25 POS,AMPLIMITE



TE Part # 207252-2
PLUG ASSY,SZ 1,AMPLIMITE



TE Part # 206802-1
PLUG ASSY,37 POSN,AMPLIMITE



TE Part # 211638-4
HD109 9 POS GMT ASY PLUG



TE Part # 448815-1
AMPLIMITE,ASY,PLUG,109,NM,CS,1



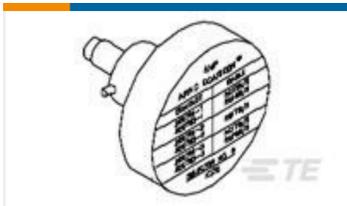
TE Part # 211639-4
GMT ASY,PLUG 15 POSN,AMPLIMITE



TE Part # 211640-4
GMT ASY,PLUG,25 POS,AMPLIMITE



TE Part # 211642-4
HD109 50 POS GMT ASY PLUG



TE Part # 601966-5
K13-1 POSITIONER



TE Part # 601966-1
CRIMPING TOOL M22520/2-01



TE Part # 206798-2
PLG ASSY,15 POS,AMPLIMITE



TE Part # 206802-2
PLUG ASSY,37 POSN,AMPLIMITE



TE Part # 206800-1
PLG ASSY,25 POS,AMPLIMITE



TE Part # 206804-1
PLUG ASSY,50 POSN,AMPLIMITE



TE Part # 206804-2
PLUG ASSY,50 POSN,AMPLIMITE



TE Part # 207252-1
PLUG ASSY,SZ 1,AMPLIMITE



TE Part # 206798-1
PLUG ASSY,15 POSN,AMPLMTE



TE Part # 206802-6
PLUG ASSY,37 POSN,AMPLIMITE, SZ
4, 109



TE Part # 211641-4
HD 109 37 POS GMT ASY PLG HSG



TE Part # 1-1757822-0
AMPLIMITE,ASY,RCPT,FB,109,ZN,5,
CONT



Documents

Product Drawings

[HD 20 PIN CONTACT, NON-MAG](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_205089-4_BP.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_205089-4_BP.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_205089-4_BP.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[1308940_Sec8_amplimite](#)

English

Product Specifications

[Application Specification](#)

English

[AMPLIMITE 109 Pin And Socket Contacts Used With Astro Hand Tool](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English