



AMPLIMITE

TE Internal #: 207253-2

Box Mount D-Sub Connectors, Receptacle, Cable-to-Cable, 9 Position, 1 Connector Shell Size, Socket, Size 20 Contact Size, .109 in [2.77 mm] Centerline

[View on TE.com >](#)

Connectors > D-Shaped Connectors > D-Sub Connectors > Box Mount D-Sub Connectors



Connector & Housing Type: **Receptacle**

Connector System: **Cable-to-Cable**

Number of Positions: **9**

Power/Signal/Coax Combination: **No**

Connector Shell Size: **1**

Features

Product Type Features

| | |
|-----------------------------------|----------------|
| Connector & Housing Type | Receptacle |
| Connector System | Cable-to-Cable |
| Connector Shell Size | 1 |
| Sealable | No |
| Connector & Contact Terminates To | Wire & Cable |

Configuration Features

| | |
|-------------------------------|----|
| Number of Positions | 9 |
| Power/Signal/Coax Combination | No |

Body Features

| | |
|------------------------------------|--------------|
| Rear Shell Material | Brass |
| Rear Shell Plating Material | Gold |
| Front Shell Plating Material | Gold |
| Mating Retention Feature Material | Copper Alloy |
| Front Shell Material | Brass |
| D-Sub Connector Insert Arrangement | MS18273-1 |

Contact Features

| | |
|--------------|---------|
| Contact Type | Socket |
| Contact Size | Size 20 |



| | |
|------------------------------|-------|
| Contact Current Rating (Max) | 7.5 A |
|------------------------------|-------|

Termination Features

| | |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

| | |
|------------------------|-----------------|
| Mounting Hole Diameter | 3.05 mm[.12 in] |
|------------------------|-----------------|

| | |
|------------------|---------|
| Mating Alignment | Without |
|------------------|---------|

Housing Features

| | |
|--------------------|------------------|
| Centerline (Pitch) | 2.77 mm[.109 in] |
|--------------------|------------------|

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 - 125 °C[-67 - 257 °F] |
|-----------------------------|----------------------------|

Operation/Application

| | |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Packaging Features

| | |
|------------------|---------|
| Packaging Method | Package |
|------------------|---------|

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 2024 (240) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC |
|--|--|

| | |
|-----------------|--------------------------------------|
| Halogen Content | Not Yet Reviewed for halogen content |
|-----------------|--------------------------------------|

| | |
|---------------------------|------------------------------|
| Solder Process Capability | Wave solder capable to 265°C |
|---------------------------|------------------------------|

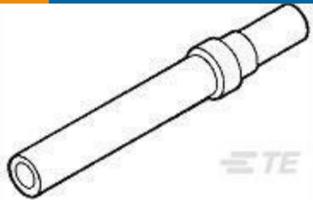
Product Compliance Disclaimer

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

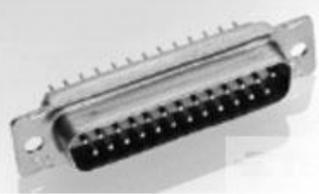


TE Part # 206793-1
 SZ 20,SOCKET, NON-MAG

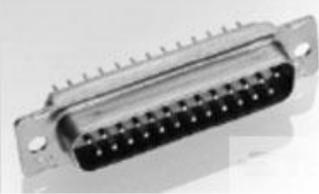


TE Part # 91067-2
 INSERTION/EXTRACTION TOOL

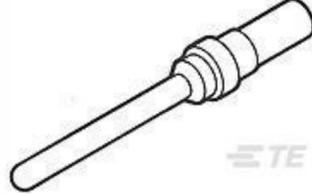
Customers Also Bought



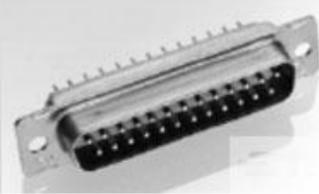
TE Part # 206801-2
 AMPLIMITE RECEPT ASY,25 POS



TE Part # 206064-4
 RECEPT ASSY,44 POSN,AMPLIMITE



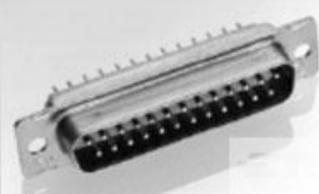
TE Part # 205089-4
 HD 20 PIN CONTACT, NON-MAG



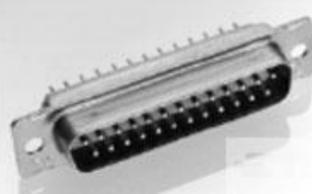
TE Part # 206501-4
 RECEPT ASSY,26 POSN,AMPLIMITE



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



TE Part # 206799-1
 RECEPT ASSY,15 POSN,AMPLIMITE



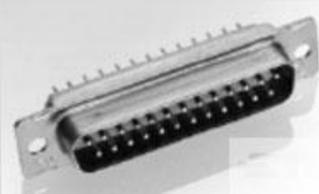
TE Part # 206063-4
 PLUG ASSY,44 POSN,AMPLIMITE



TE Part # 206803-2
 AMPLIMITE RECEPT ASY,37 POS,



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



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

Documents

Product Drawings

RECEPT ASSY,9 POSN,AMPLIMITE

English



CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_207253-2_AA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_207253-2_AA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_207253-2_AA.3d_stp.zip](#)

English

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