

AMPLIMITE

TE Part # 206805-1
TE Internal #: 206805-1
Mil-Spec: [311P409-5S-B-15]
[View on TE.com >](#)



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



Connector Style: **Receptacle**
Connector System: **Cable-to-Cable**
Number of Positions: **50**
Power/Signal/Coax Combination: **No**
Shell Size: **5**

Features

Product Type Features

Product Type	Connector
Connector Style	Receptacle
Connector System	Cable-to-Cable
Shell Size	5
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Blindmate	No

Configuration Features

Number of Positions	50
Power/Signal/Coax Combination	No

Body Features

Box Mount D-Sub Connector Insert Arrangement	MS18277-1
Retention Clip Material	Copper Alloy
Shell Plating Material	Gold
Shell Material	Brass
Non-Magnetic	Yes

Contact Features

Contact Type	Socket
Contact Size	20



Contact Current Rating (Max)	7.5 A
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Mechanical Attachment

Mounting Hole Diameter	3.91 mm[.154 in]
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Housing Features

Centerline (Pitch)	2.77 mm[.109 in]
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Usage Conditions

Operating Temperature Range	-50 – 125 °C[-22 – 257 °F]
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Operation/Application

ULTRA-LITE Connector	No
Circuit Application	Signal

Industry Standards

NASA Qualification	Yes
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Packaging Features

Packaging Method	Package
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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 2019 (197) Candidate List Declared Against: JAN 2019 (197)
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 Regulations, TE’s information on SVHC in

RECEPT ASSY,50 POS

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articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

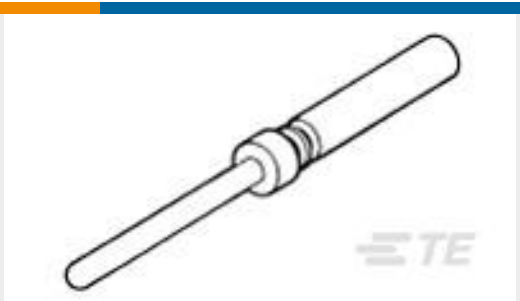
Customers Also Bought



TE Part #1-212565-0
AMPLIMITE,PIN CONT,SZ
20,AU PLTD



TE Part #211010-4
CONN SAVER,15 POSN,
AMPLIMITE



TE Part #206495-3
PIN CONT,SZ 22D



TE Part #211012-4
AMPLIMITE CONN SVR,44
POS,TRW



TE Part #212562-2
AMPLIMITE CONN SVR,37
POS,TRW



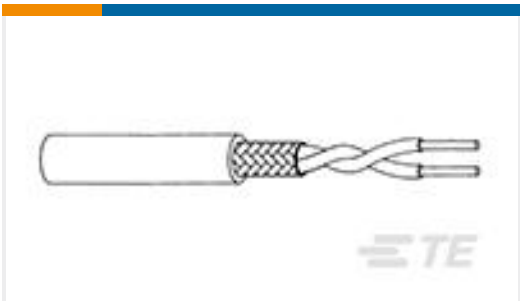
TE Part #206799-1
RECEPT ASSY,15 POSN,
AMPLIMITE



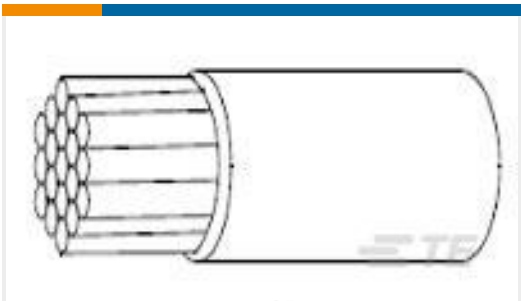
TE Part #206804-1
PLUG ASSY,50 POSN,
AMPLIMITE



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



TE Part #CP6148-000
0026S1664-9



TE Part #216433-001
22759/33-22-0

Documents

Product Drawings
RECEPT ASSY,50 POS
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_206805-1_AG.2d_dxf.zip
English
Customer View Model



[ENG_CVM_CVM_206805-1_AG.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_206805-1_AG.3d_stp.zip](#)

English

Datasheets & Catalog Pages

[Sealed AMPLIMITE D-Subminiature Connectors](#)

English

Agency Approvals

[UL Report](#)

English