205556-3 ✔ ACTIVE

AMPLIMITE

TE Internal #: 205556-3

Box Mount D-Sub Connectors, Plug, Cable-to-Cable, 9 Position, Size 1, Pin, Size 20, .109 in [2.77 mm] Centerline, Wire & Cable, Signal

View on TE.com >

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

Connector & Housing Type: **Plug**

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

Number of Positions: **9**

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

D-Sub Shell Size: **1**

Features

Product Type Features

Product Type	Connector
Connector & Housing Type	Plug
Connector System	Cable-to-Cable
D-Sub Shell Size	1
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Blindmate	No

Configuration Features

Number of Positions	9
Power/Signal/Coax Combination	No

Body Features

Retention Clip Material	Stainless Steel
Shell Plating Material	Cadmium
Shell Material	Steel
Non-Magnetic	No

Contact Features

Contact Type	Pin
Contact Mating Area Plating Material	Gold

Contact Base Material	Copper Alloy
D-Sub Contact Size	20
Contact Current Rating (Max)	7.5 A

Mechanical Attachment

Mounting Hole Diameter	3.05 mm[.12 in]

Housing Features

Centerline (Pitch)	2.77 mm[.109 in]

Usage Conditions

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

Operation/Application

ULTRA-LITE Connector	No
Circuit Application	Signal

Industry Standards

NASA Qualification	No

Packaging Features

Packaging Method	Package

Other

Comment	Insertion/Extraction Tool No. 91067-1 (Military No. M81969/1-04) is used to install and remove pin and socket contacts., Size 20 contacts supplied with connectors are loose piece.

Product Compliance

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

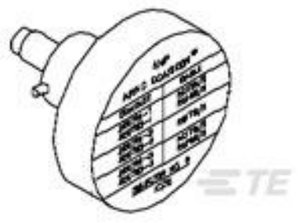
EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Cd (3.9% in Component Part) Article Safe Usage Statements: Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content	Not Yet Reviewed for halogen content
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 Regulations, TE's information on SVHC in 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.

Compatible Parts



TE Part # 601966-5
K13-1 POSITIONER

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

Documents

Product Drawings

AMPLIMITE,ASY,PLUG,STD,109,1,KIT

English

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_205556-3_L.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_205556-3_L.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_205556-3_L.3d_stp.zip

English

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Datasheets & Catalog Pages

1308940_Sec8_amplimite

English

Agency Approvals

UL Report

English