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1757819-1

AMPLIMITE,ASY,PLUG,STD,109,ZN,1



AMPLIMITE

TE Internal #: **1757819-1**

TE Internal Description:

**AMPLIMITE,ASY,PLUG,STD,109,ZN,1**

Mil-Spec: **M24308/4-259Z**

Connector Style : **Plug**

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

Number of Positions : **9**

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

Shell Size : **1**

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Documents

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Product Compliance

Product Drawings

AMPLIMITE,ASY,PLUG,STD,109,ZN,1  
 [AMPLIMITE,ASY,PLUG,STD,109,ZN,1](#) English

CAD Files

3D PDF  
 [3D\\_CVM\\_CVM\\_1757819-1\\_K.pdf](#) 3D  
Customer View Model  
 [ENG\\_CVM\\_CVM\\_1757819-1\\_K.2d\\_dxf.zip](#)  
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 [ENG\\_CVM\\_CVM\\_1757819-1\\_K.3d\\_stp.zip](#)  
English

Datasheets &  
Catalog Pages

Sealed AMPLIMITE D-Subminiature Connectors  
 [ENG\\_DS\\_1-1773853-7\\_dsub67\\_0516.pdf](#)  
English

Product  
Environmental  
Compliance

TE Material Declaration  
 [ENG\\_PC\\_MD\\_1757819-1\\_MD\\_1757819-1\\_E.pdf](#) English

Agency Approvals

UL Report  
 [ENG\\_AAD\\_UL\\_E28476\\_19881201\\_B.pdf](#) English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

## Product Type Features

Connector Style : **Plug**  
Connector System : **Cable-to-Cable**  
Shell Size : **1**  
Sealable : **No**  
Connector & Contact Terminates To : **Wire & Cable**  
Blindmate : **No**  
Product Type : **Connector**

## Configuration Features

Number of Positions : **9**  
Power/Signal/Coax Combination : **No**

## Body Features

Non-Magnetic : **No**  
Shell Material : **Steel**  
Shell Plating Material : **Zinc**  
Retention Clip Material : **Stainless Steel**  
Box Mount D-Sub Connector Insert Arrangement : **MS18273-1**

## Contact Features

Contact Style : **Pin**  
Contact Size : **20**  
Contact Current Rating (Max) (A): **7.5**

## 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

Circuit Application : **Signal**  
ULTRA-LITE Connector : **No**

## Industry Standards

NASA Qualification : **No**

## Packaging Features

Packaging Method : **Carton**

## Other

Comment :  
**"Z" is stamped on connectors following M24308 part number as required. "Z" designates zinc shell plating.**

EU RoHS

*This declaration covers EU Directive 2011/65/EU incl. Delegated Directive 2015/863/EU. The restrictions under 2015/863/EU apply as of 22 July 2021 for EEE categories 8 (medical devices) and 9 (monitoring and control equipment).*

EU ELV Directive  
2000/53/EC

China RoHS 2  
Directive MIIT  
Order No 32, 2016

EU REACH  
Regulation (EC)  
No. 1907/2006

Current ECHA Candidate List: **JUL 2019 (201)**  
Candidate List Declared Against: **JAN 2018 (181)**

Halogen Content

Solder Process  
Capability

Wave solder capable to 265°C

Statement of  
Compliance

[Statement of Compliance pdf](#)

Compliance  
Documents

There may be Environmental Compliance related documents on the [DOCUMENTATION Tab](#)

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.

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