1-1757819-0 ✔ ACTIVE

AMPLIMITE

TE Internal #: 1-1757819-0

Box Mount D-Sub Connectors, Plug, Cable-to-Cable, 50 Position, 5 D-Sub Shell Size, Pin, 20 D-Sub Contact Size, 2.77mm [.109in] Centerline

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: **50**

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

D-Sub Shell Size: **5**

Features

Product Type Features

Product Type	Connector
Connector & Housing Type	Plug
Connector System	Cable-to-Cable
D-Sub 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	Stainless Steel
Shell Plating Material	Zinc
Shell Material	Steel
Non-Magnetic	No

Contact Features

Contact Type	Pin

Contact Mating Area Plating Material	Gold
Contact Underplating Material	Nickel
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	"Z" is stamped on connectors following M24308 part number as required. "Z" designates zinc shell plating., Size 20 contacts supplied with connectors are loose piece.

Product Compliance

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

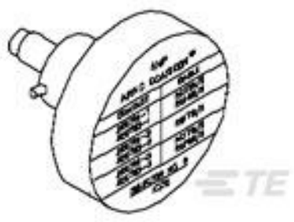
EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold:

	Pb (1.5% in Component Part) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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 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 # 601966-5
K13-1 POSITIONER



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

Customers Also Bought



TE Part #1617091-1
LSAW-2C-12B = 1/2 LATCH 2 POLE



TE Part #1757819-7
AMPLIMITE,ASY,PLUG,STD,109,ZN,2, CT



TE Part #1757819-9
AMPLIMITE,ASY,PLUG,STD,109,ZN,4, CT



TE Part #1-1757820-0
AMPLIMITE,ASY,RCPT,STD,109,ZN,5, CT



TE Part #1757819-8
AMPLIMITE,ASY,PLUG,STD,109,ZN,3,CT



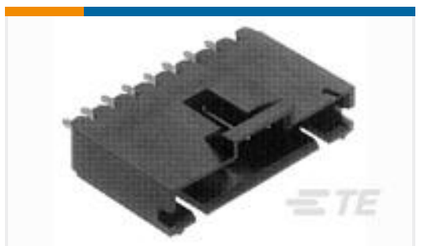
TE Part #1757819-6
AMPLIMITE,ASY,PLUG,STD,109,ZN,1,CT



TE Part #1-1757823-1
AMPLIMITE,ASY,PLUG,STD,90,ZN,5,CT



TE Part #1-1757824-1
AMPLIMITE,ASY,RCPT,STD,90,ZN,5,CT



TE Part #103735-5
06 MTE HDR SRST LATCH .100CL



TE Part #YDTS20F13-04PNV001
D38999: Square Flange, 13-04 insert

Documents

Product Drawings

AMPLIMITE,ASY,PLUG,STD,109,ZN,5,CT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1757819-0_K.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1757819-0_K.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1757819-0_K.3d_stp.zip

English

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Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

UL Report

English