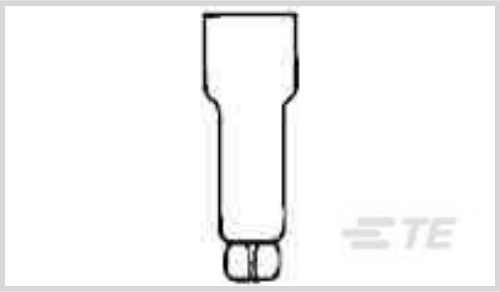




TE Internal #: 55808-1  
Splices, Splice, Splice, 18 – 8AWG Wire Size, .8 – 8mm² Wire Size, .5  
Splice Wire Insulation Diameter (Max) 12.7 Splice Wire Insulation  
Diameter (Max)  
[View on TE.com >](#)

Terminals & Splices > Splices



Splice Product Type: **Splice**  
Terminal & Splice Type: **Splice**  
Wire Size: **.8 – 8 mm²**  
Sealable: **No**

Features

Product Type Features

Splice Product Type	Splice
Sealable	No
Splice Type	Closed End
Serrated	No
Splice Accessory Type	Splice
Splice Barrel Type	Closed Barrel
Splice Wire/Cable Type	Copper
Insulated	Yes
Support Style	Insulation Support

Body Features

Weight per Piece	3.567 g
Plating Material	Tin
Splice Material	Copper
Splice Color	Black

Contact Features

Contact Plating Material	Tin
Terminal & Splice Type	Splice

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Wire Size	10.32 – 20.82 kcmil
Splice Wire Insulation Diameter (Max)	12.7 mm[.5 in]
Splice Material Thickness	1.09 mm[.043 in]
Splice Overall Length	32.08 mm[1.263 in]

Usage Conditions

Insulation Requirement	Fully Insulated
Operating Temperature Range	105 °C[221 °F]

Operation/Application

Heavy Duty	No
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Identification Marking

Marking	ECV
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Industry Standards

Government Qualified Splice	No
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Packaging Features

Packaging Quantity	250
Splice Packaging Method	Loose Piece

Other

Comment	ECV-600V Max. Building Wiring. 1000V Max. Fixtures & Signs, 105°C UL, 90°C CSA.
Military Category	No

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 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.



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 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 # 69335  
HHHT CLOSED END SPLICE 18-8 ASSY

TE Part # 189896-1  
PNEUMATIC CRIMP HEAD 18-8 CES

Customers Also Bought

TE Part #1-280050-2  
250 FASTON, FLAG, REC., 16-20 AWG, TPBR

TE Part #103688-1  
02 MTE RCPT HSG SR PLAIN .100

TE Part #1776304-6  
TSB100006DSHT=EUROPA T-BL, 12MM

TE Part #176152-1  
SCREWLOCK KIT FOR AMPLIMITE

TE Part #1-967622-5  
TIMER, CONNECTOR HOUSING

TE Part #1703013-1  
ROUND CONNECTOR SYSTEM, PIN AND SOCKET

TE Part #1744382-6  
Nylon Vertical PCB Header: 2.54mm, Surface Mount, MTA 100

TE Part #1718230-1  
1,5MM PIN HSG 5-7 POS ASSY



Documents

Product Drawings

SPLICE,CE 18-8

English

CAD Files

Customer View Model

ENG\_CVM\_55808-1\_E.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_55808-1\_E.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_55808-1\_E.2d\_dxf.zip

English

3D PDF

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English