



TE Internal #: 603504-2
 Splices, 12 – 10 AWG Wire Size, 3 – 6 mm² Wire Size, Sealable, .24 in [6.1 mm] Barrel Inside Diameter, 5180 – 13100 CMA Wire Size, Copper, Yellow

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Terminals & Splices > Splices



Wire Size: 3 – 6 mm²

Sealable: **Yes**

Accepts Wire Insulation Diameter Range: 6.1 mm [.24 in]

Barrel Inside Diameter: 6.1 mm [.24 in]

Features

Product Type Features

Sealable	Yes
Splice Type	Butt Splice
Serrated	No
Compatible With Discrete Wire Type	Stranded
Wire Insulation Support Retention Type	Insulation Support

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Electrical Characteristics

Operating Voltage	600 V
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Body Features

Insulation Sleeve Material	Nylon
Insulation Type	Pre-Insulated
	.007 oz
Plating Material	Tin
Insulation Material	Nylon



Primary Product Material	Copper
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Primary Product Color	Yellow
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Contact Features

Contact Plating Material	Tin
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Barrel Type	Closed
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Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Inside Diameter (Recovered)	2.92 mm[.115 in]
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Outside Diameter	6.35 mm[.25 in]
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Wire Size	5180 – 13100 CMA
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Accepts Wire Insulation Diameter Range	6.1 mm[.24 in]
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Barrel Inside Diameter	6.1 mm[.24 in]
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Overall Product Length	47.5 mm[1.87 in]
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Usage Conditions

Insulation Option	Fully Insulated
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Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Operation/Application

Heavy Duty	No
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Industry Standards

Government Qualified Splice	No
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Packaging Features

Packaging Quantity	50
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Packaging Method	Loose Piece
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Other

Military Category	No
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2022
(224)Candidate List Declared Against: JAN 2022
(223)

Does not contain REACH SVHC

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 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>

Documents

Product Drawings

12-10 PRE-INSUL SEALED SPLICE

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_603504-2_K.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_603504-2_K.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_603504-2_K.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_603504-2_N.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_603504-2_N.3d_stp.zip](#)

English

Customer View Model



[ENG_CVM_603504-2_N.2d_dxf.zip](#)

English

[3D PDF](#)

English

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[Datasheets & Catalog Pages](#)

[RADIATION_RESISTANT_PRE-INSULATED_TERMINALS_SPLICES](#)

English