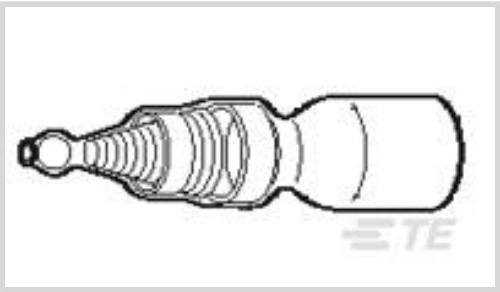




Terminals & Splices > Splices



Splice Type: **Parallel Splice**

Wire Size: **8 – 3.5 mm²**

Sealable: **Yes**

Compatible Insulation Diameter Range: **7 mm [.275 in]**

Features

Product Type Features

Splice Type	Parallel Splice
Sealable	Yes
Compatible With Discrete Wire Type	Stranded

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Body Features

Product Weight	2.95 g
Insulation Material	Heat Shrink Radiation-Crosslinked Modified Polyvinylidene Fluoride
Primary Product Color	Blue

Contact Features

Military Part Class	Class I, Class II
Barrel Type	Closed

Termination Features

Termination Method to Wire & Cable	Solder
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Mechanical Attachment

Wire Insulation Support	With
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Dimensions

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Wire Size	7000 – 16000 CMA
Compatible Insulation Diameter Range	7 mm[.275 in]
Product Length	45.5 mm[1.79 in]

Usage Conditions

Fluid Resistance	Immersion
Insulation Option	Fully Insulated
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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Industry Standards

Government Qualified Splice	No
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Packaging Features

Packaging Quantity	100
Packaging Method	Box

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: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (40% in Solder) <small>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.</small>
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
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

SGRS-3

Parallel Splice, 8 – 12 AWG, 8 – 3.5 mm² Wire, Sealable, 7000 – 16000 CMA, Blue, 45.5 mm [1.79 in] Length, Box, Closed Barrel, Stranded Wire



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 # EG8162-000
HL1920E-230V-EURO

Customers Also Bought



TE Part #E70497-000
CWT-9002-5000



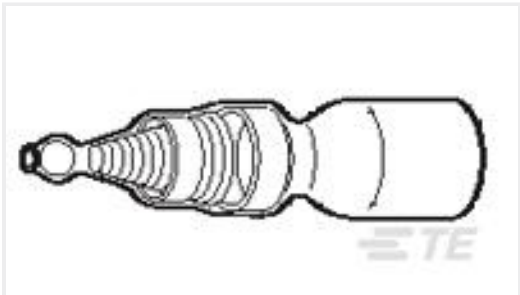
TE Part #ZPF000000000007366
983-0S 14-04 PN



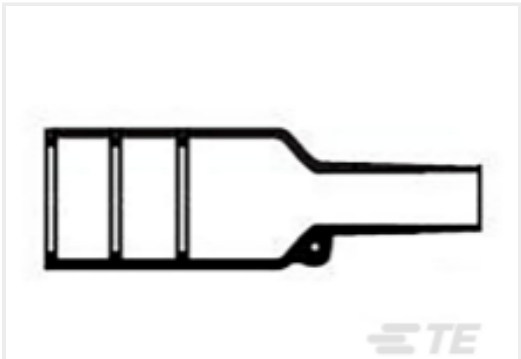
TE Part #054955-000
CWT-9001



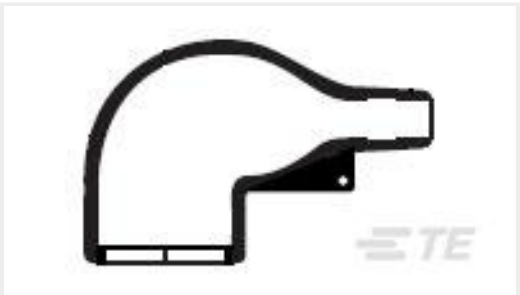
TE Part #794596-000
BND-1425S



TE Part #528657-000
SGRS-4



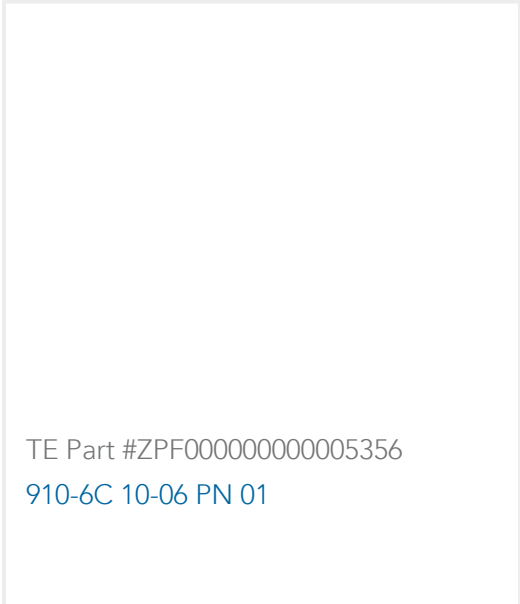
TE Part #CAT-R21-731072
Bulbous Heat Shrink Boots: Lipped, Straight



TE Part #018671-000
222K121-100/86-0



TE Part #7-1625984-4
HSA50 5R6 5%



TE Part #ZPF000000000005356
910-6C 10-06 PN 01

Documents



Product Drawings

SGRS-3

English

Datasheets & Catalog Pages

1654025_Sec8_SGRP_SGRS-X-58_SGRS

English

Product Specifications

SolderSleeve Devices Specification for Commercial Wire Splices

English

Installation Procedure for Multi-Wire Butt Splice SolderSleeve Devices- Series SGRP-SGRS- Installed with Hot Air Gun

English