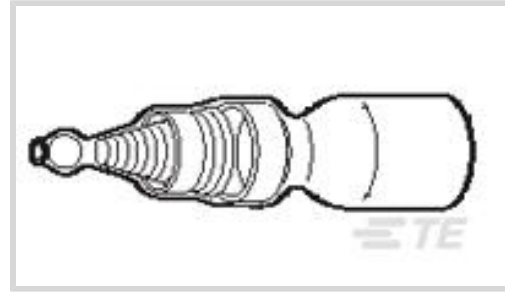




Terminals & Splices > Splices



Splice Product Type: **SolderGrip**

Terminal & Splice Type: **Splice**

Wire Size: **4 – 2 mm²**

Sealable: **Yes**

Features

Product Type Features

| | |
|------------------------|---------------|
| Discrete Wire Type | Stranded |
| Splice Product Type | SolderGrip |
| Sealable | Yes |
| Splice Type | Stub Splice |
| Serrated | No |
| Splice Barrel Type | Closed Barrel |
| Splice Wire/Cable Type | Stranded Wire |
| Insulated | Yes |

Configuration Features

| | |
|----------------------|---|
| Number of Conductors | 4 |
|----------------------|---|

Body Features

| | |
|----------------------------|--|
| Insulation Sleeve Material | Polyvinylidene Fluoride |
| Weight per Piece | 1.2 g |
| Insulation Material | Heat Shrink Radiation-Crosslinked Modified Polyvinylidene Fluoride |
| Splice Color | Red |

Contact Features

| | |
|------------------------|--------|
| Class | 1 & 2 |
| Terminal & Splice Type | Splice |

Termination Features



| | |
|--------------------|--------|
| Termination Method | Solder |
|--------------------|--------|

Mechanical Attachment

| | |
|-------------------------|------|
| Wire Insulation Support | With |
|-------------------------|------|

Dimensions

| | |
|-----------|-----------------|
| Wire Size | 4000 – 8000 CMA |
|-----------|-----------------|

| | |
|---------------------------------------|-----------------|
| Splice Wire Insulation Diameter (Max) | 4.5 mm[.175 in] |
|---------------------------------------|-----------------|

| | |
|-----------------------|-------------------|
| Splice Overall Length | 37.7 mm[1.485 in] |
|-----------------------|-------------------|

Usage Conditions

| | |
|------------------------|-----------------|
| Insulation Requirement | Fully Insulated |
|------------------------|-----------------|

| | |
|--------------------------|--------|
| Cable Temperature Rating | 125 °C |
|--------------------------|--------|

| | |
|------------------|-----------|
| Fluid Resistance | Immersion |
|------------------|-----------|

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 125 °C[-40 – 257 °F] |
|-----------------------------|----------------------------|

Operation/Application

| | |
|------------|----|
| Heavy Duty | No |
|------------|----|

Industry Standards

| | |
|-----------------------------|----|
| Government Qualified Splice | No |
|-----------------------------|----|

Packaging Features

| | |
|--------------------|-----|
| Packaging Quantity | 100 |
|--------------------|-----|

| | |
|-------------------------|-----|
| Splice 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: JUL 2021 (219) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Pb (40% in Solder) |
|--|---|

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 | 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 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 # CJ2087-000
HL2010E-KIT-120V

Customers Also Bought



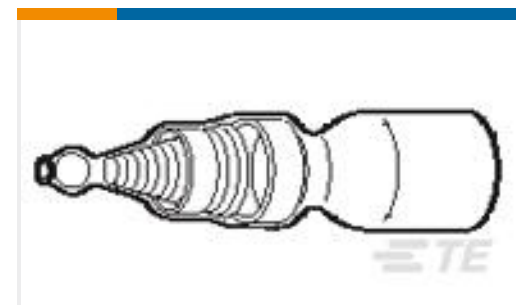
TE Part #1825422-1
TRD13D10QC04 rocker switch



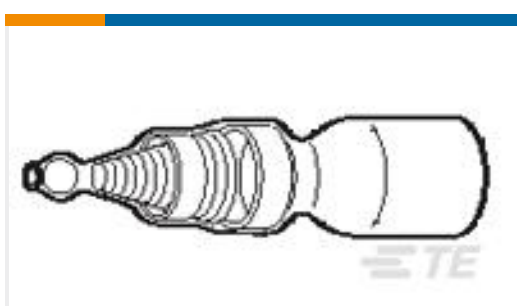
TE Part #3880430001
TMS-SCE-1K-1-1/2-2.0-4



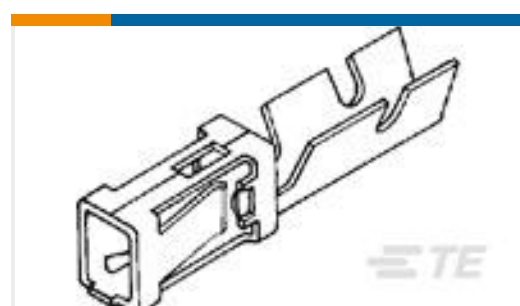
TE Part #CS9495-000
SEB-F



TE Part #294297-000
SGRS-3



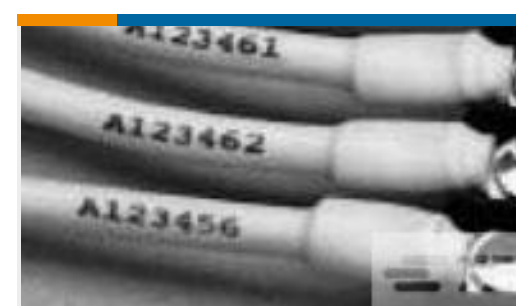
TE Part #705489-000
SGRS-1



TE Part #102104-2
MOD I RECP LP



TE Part #2180313001
55A0811-18-6



TE Part #314363-000
RNF-100-1/2-BU-FSP



TE Part #559029-000
RNF-100-1/2-RD-FSP

Documents

Product Drawings

[SGRS-2](#)

English

Datasheets & Catalog Pages

[1654025_Sec8_SGRP_SGRS-X-58_SGRS](#)

English

[Raychem Electrical Interconnect Products](#)

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

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