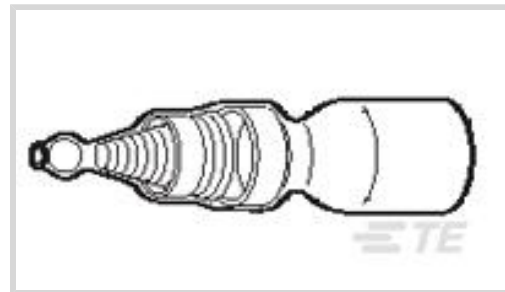




Terminals & Splices > Splices



Wire Size: 7000 – 16000 CMA

Sealable: **Yes**

Accepts Wire Insulation Diameter Range: 7 mm [.275 in]

## Features

### Product Type Features

Discrete Wire Type	Stranded
Sealable	Yes
Splice Type	Parallel Splice
Serrated	No
Compatible With Discrete Wire Type	Stranded

### Configuration Features

Number of Conductors	4
Compatible With Wire & Cable Type	Discrete Wire

### Body Features

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

### Contact Features

Class	1 & 2
Barrel Type	Closed

### Termination Features

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

### Mechanical Attachment



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

### Dimensions

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

### Usage Conditions

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

### Operation/Application

Heavy Duty	No
Compatible With Wire Base Material	Copper

### Industry Standards

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

### 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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Pb (40% in Solder) <b>Article Safe Usage Statements:</b> 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

## Documents

## Product Drawings

SGRS-3

English

## Datasheets &amp; 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