

**632692-000**

✓ ACTIVE

**RAYCHEM | RAYCHEM GelCap**

TE Internal #: 632692-000

Joints & Splices, AMERICAS, Cold Shrink / Cold Applied,  $\leq 1$  kV,  
Motor Connection Kit, Cross-Section 35 – 105 mm<sup>2</sup> [#2 – 4/0 AWG  
/kcmil], RAYCHEM GelCap[View on TE.com >](#)

Energy &amp; Power &gt; Power Cable Accessories &gt; Joints &amp; Splices

Joints & Splice Product Availability: **AMERICAS**Installation Instruction: **English**Joints & Splice Technology: **Cold Applied, Cold Shrink**Joints & Splice Voltage Class:  $\leq 1$  kVJoints & Splice Product Type: **Motor Connection Kit**

## Features

### Product Type Features

|                              |                           |
|------------------------------|---------------------------|
| Component Design             | PowerGel Sealing Gel      |
| Adhesive Coating             | Silicone Gel              |
| Joints & Splice Technology   | Cold Applied, Cold Shrink |
| Joints & Splice Product Type | Motor Connection Kit      |

### Electrical Characteristics

|                               |             |
|-------------------------------|-------------|
| Joints & Splice Voltage Class | $\leq 1$ kV |
|-------------------------------|-------------|

### Body Features

|             |               |
|-------------|---------------|
| Flexibility | Semi-Flexible |
|-------------|---------------|

### Mechanical Attachment

|                          |                  |
|--------------------------|------------------|
| Mechanical Reinforcement | Molded Cap Clamp |
|--------------------------|------------------|

### Dimensions

|                          |               |
|--------------------------|---------------|
| Bolt Width (Max)         | .85 mm, 22 mm |
| Lug Barrel Length (Max)  | 38 mm[1.5 in] |
| Bolt Length (Max)        | 1.3 mm, 33 mm |
| GelCap Length (Nominal)  | 152 mm[6 in]  |
| Lug Overall Length (Max) | 76 mm[3 in]   |
| Conductor Range (Main)   | 2 – 0000 AWG  |

|                                  |   |
|----------------------------------|---|
| Cross-Section Range              | 35 – 105 mm <sup>2</sup> [#2 – 4/0 AWG/kcmil] |
| Cable Cross-Section (Max) (Main) | 105 mm <sup>2</sup>                           |
| Cable Cross-Section (Min) (Main) | 35 mm <sup>2</sup>                            |

### Usage Conditions

|                             |   |
|-----------------------------|---|
| Environmental Resistance    | ASTM D1149, 168 Hours @40°C, 50 pphm                                |
| Operating Temperature Range | -40 – 105 °C  |
| Chemical Resistance         | ASTM D543, Sulfuric Acid, Sodium Hydroxide, Transformer & Motor Oil |

### Operation/Application

|                       |  |
|-----------------------|--|
| Thermal Resistance    | Applicable for Low Temperatures, Applicable for High Temperatures, Flame-Retardant                       |
| Mechanical Resistance | Abrasion Resistant (2040 gm wt, 4000 cycles, 5% max thickness loss), Against Mechanical Impact or Damage |
| UV-Stabilized         | ASTM G53, UVB, 4000 hours, 4 hour on/off cycle   |

### Industry Standards

|           |              |
|-----------|--------------|
| Standards | ANSI C119.1  |
| UL Rating | UL 486A-486B |

### Product Availability

|                                      |          |
|--------------------------------------|----------|
| Joints & Splice Product Availability | AMERICAS |
|--------------------------------------|----------|

### Packaging Features

|                    |     |
|--------------------|-----|
| Standard Pack      | 5   |
| Packaging Quantity | 1   |
| Packaging Method   | Bag |

### Other

|                          |  |
|--------------------------|--|
| Product Use              | PowerGel-filled cap for motor lead and stub splice connections |
| Installation Instruction | English  |

### Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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: JUNE 2023<br>(235)<br>Candidate List Declared Against: JAN 2021<br>(211)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 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 # 292284-000  
GELCAP-4(B5)



TE Part # 986734-000  
GELCAP-2(B5)



TE Part # F40658-000  
GELCAP-SL-2/0-3HOLE(B10)

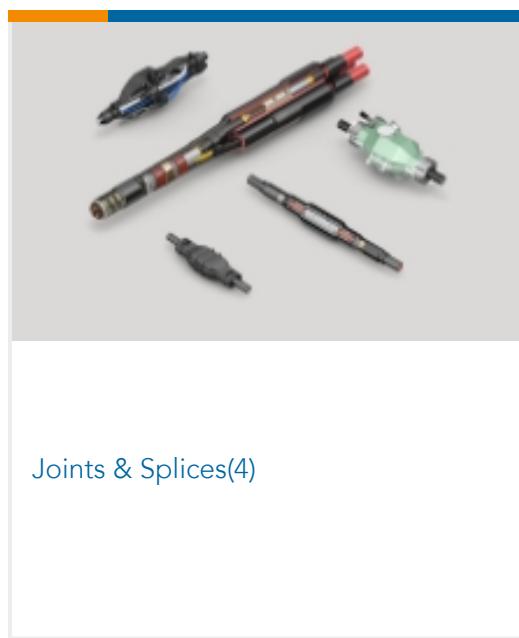


TE Part # 566376-000  
GELCAP-1(B5)

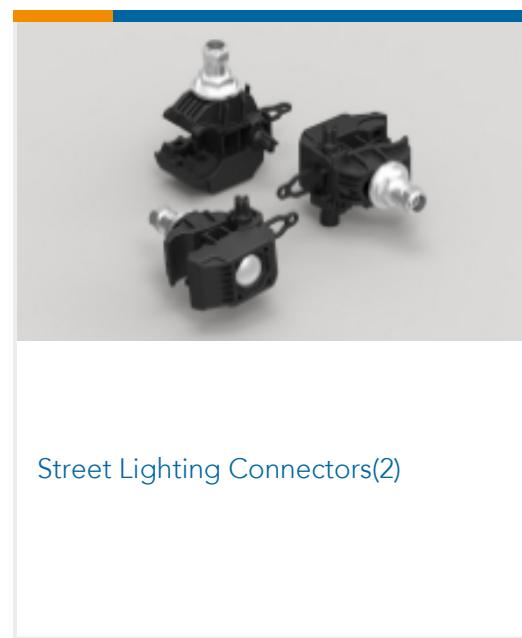


TE Part # CP1967-000  
GELCAP-SL-2/0-3HOLE-B100

## Also in the Series | RAYCHEM GelCap

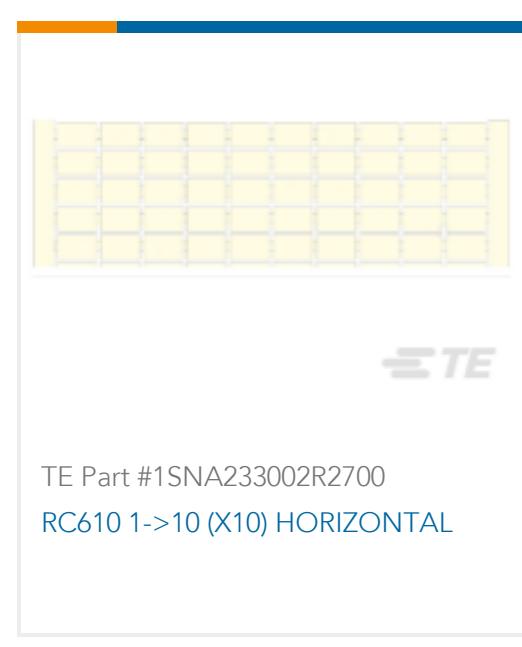


Joints &amp; Splices(4)



Street Lighting Connectors(2)

## Customers Also Bought

TE Part #1SNK508911R0000  
ES4-D2-SF1TE Part #1SNA105031R1400  
M4/6TE Part #1SNA105051R2000  
M4/6TE Part #1SNA115541R1100  
D2.5/6.DATE Part #1SNA116771R2000  
FED3ETE Part #1SNA165114R1700  
M6/8.PTE Part #1SNA173523R1100  
PC81-10TE Part #1SNA233002R2700  
RC610 1->10 (X10) HORIZONTALTE Part #1SNA116951R1500  
FEM8STE Part #1SNA118618R0100  
FEM12

## Documents

### Datasheets & Catalog Pages

#### GELCAP-MOTOR-CONNECTION-CABLE-ACCESSORIES

English

### Instruction Sheets

#### Instruction Sheet (U.S.)

English