

#### RAYCHEM | RAYCHEM GelCap

TE Internal #: 566376-000

Motor Connection Kit, ≤ 1 kV, 1.5 – 5 mm² Conductor, Snap

Closure, RAYCHEM GelCap

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Energy & Power > Power Cable Accessories > Joints & Splices



Installation Technology: Power Gel

Product Availability: Americas
Installation Instruction: English

Joints & Splice Product Type: Motor Connection Kit

Voltage Class: ≤ 1 kV

#### **Features**

Product Type Features	
Adhesive Coating	With
Installation Technology	Power Gel
Joints & Splice Product Type	Motor Connection Kit
Closing Method	Snap
Electrical Characteristics	
Voltage Class	$\leq 1 \text{ kV}$
Body Features	
Flexibility	Semi-Flexible
Mechanical Attachment	
Mechanical Reinforcement	Molded Cap Clamp
Dimensions	
Compatible Conductor Cross-Section Range	$1.5 - 5 \text{ mm}^2$
Compatible Cable Cross-Section - Main (Max)	5 mm <sup>2</sup>
Compatible Cable Cross-Section - Main (Min)	1.5 mm <sup>2</sup>
Usage Conditions	
Operating Temperature Range	-40 – 105 °C
Fluid Resistance Type	Motor Oil, Sodium Hydroxide, Sulfuric

Acid, Transformer Oil



Environmental Resistance	Moisture, Self-Sealing
Operation/Application	
Mechanical Resistance	Abrasion Resistant (2040 gm wt, 4000 cycles, 5% max thickness loss), Against Mechanical Impact or Damage
UV-Stabilized	Yes
Thermal Resistance	Applicable for Low Temperatures, Applicable for High Temperatures, Flame- Retardant
Industry Standards	
Compatible With Approved Standards Products	ANSI C119.1, UL
Product Availability	
Product Availability	Americas
Packaging Features	
Packaging Method	Bag
Packaging Quantity	1
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>

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: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) 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 # 632692-000 GELCAP-3(B5)



TE Part # 292284-000 GELCAP-4(B5)







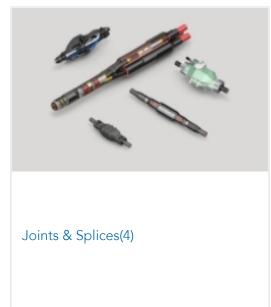
TE Part # 986734-000 GELCAP-2(B5)



# Also in the Series | RAYCHEM GelCap



Insulation Piercing Connectors(2)



## Customers Also Bought







TE Part #986734-000 GELCAP-2(B5) TE Part #632692-000 GELCAP-3(B5)

### **Documents**

Datasheets & Catalog Pages

GELCAP-MOTOR-CONNECTION-CABLE-ACCESSORIES

English

**Instruction Sheets** 

Instruction Sheet (U.S.)

English