

RAYCHEM | RAYCHEM GelCap

TE Internal #: 632692-000

Joints & Splices, Americas, Cold Shrink / Cold Applied, ≤ 1 kV, Motor Connection Kit, Cross-Section 35-105 mm² [#2 – 4/0 AWG

/kcmil], RAYCHEM GelCap

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Energy & Power > Power Cable Accessories > Joints & Splices



Joints & Splice Product Availability: Americas

Installation Instruction: English

Joints & Splice Technology: Cold Applied, Cold Shrink

Joints & Splice Voltage Class: ≤ 1 kV

Joints & Splice Product Type: Motor Connection Kit

Features

Product Type Features

Troduct Type Feduces	
Component Design	PowerGel Sealing Gel
Adhesive Coating	With
Joints & Splice Technology	Cold Applied, Cold Shrink
Joints & Splice Product Type	Motor Connection Kit
Electrical Characteristics	
Joints & Splice Voltage Class	$\leq 1 \text{ kV}$
Body Features	
Flexibility	Semi-Flexible

Mechanical Attachment

Mechanical Reinforcement Molded Cap Clamp	
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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 ² [#2 – 4/0 AWG/kcmil]
Cable Cross-Section (Max) (Main)	105 mm ²
Cable Cross-Section (Min) (Main)	35 mm ²
Usage Conditions	
Chemical Resistance	ASTM D543, Sulfuric Acid, Sodium Hydroxide, Transformer & Motor Oil
Environmental Resistance	ASTM D1149, 168 Hours @40°C, 50 pphm
Operating Temperature Range	-40 – 105 °C
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	Yes
Industry Standards	
UL Rating	UL 486A-486B
Standards	ANSI C119.1
Product Availability	
Joints & Splice Product Availability	Americas
Packaging Features	
Packaging Quantity	1
Packaging Method	Bag
Standard Pack	5
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: JUNE 2024 (241) Candidate List Declared Against: JAN 2021 (211) 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)

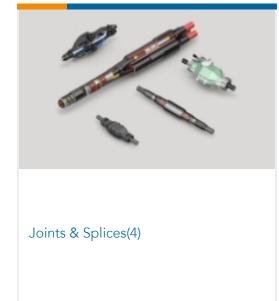


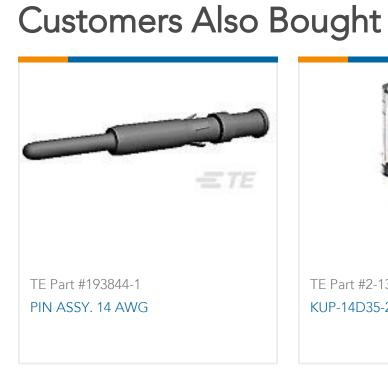
Also in the Series | RAYCHEM GelCap





Insulation Piercing Connectors(2)





















Documents

Datasheets & Catalog Pages
GELCAP-MOTOR-CONNECTION-CABLE-ACCESSORIES

English

Instruction Sheets
Instruction Sheet (U.S.)

English