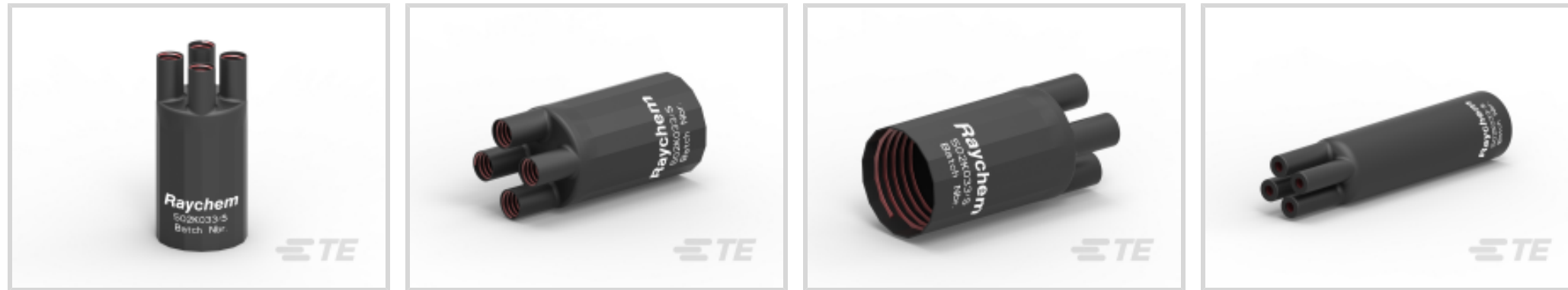




Energy & Power > Power Cable Accessories > Power Cable Breakouts > HEAT SHRINK HALOGEN-FREE CABLE BREAKOUTS



Power Cable Breakout Product Availability: AMERICAS, ANZPAC, ASIA, EMEA

Power Cable Breakout Voltage Rating: ≤ 1 kV

Power Cable Breakout Technology: Heat Shrink

Power Cable Breakout Product Type: Cable Breakout Boot

Application Diameter (Min) (Body): 18 mm [.708 in]

[All HEAT SHRINK HALOGEN-FREE CABLE BREAKOUTS \(30\)](#)

Features

Product Type Features

Coating Style	Planar, Spiral
Component Design	Heat Shrink
Material System	Crosslinked Polyolefin
Power Cable Breakout Technology	Heat Shrink
Power Cable Breakout Product Type	Cable Breakout Boot
Adhesive Coating	Yes
Power Cable Breakout Shrink Ratio	> 2.5:1
Wall Style (Excluding Adhesive)	Single

Configuration Features

Number of Branches & Legs	4
---------------------------	---

Electrical Characteristics

Power Cable Breakout Voltage Rating	≤ 1 kV
-------------------------------------	--------

Body Features

Color	Black
Flexibility	Semi-Rigid

Mechanical Attachment



Mechanical Reinforcement	No
--------------------------	----

Dimensions

Application Diameter (Min) (Body)	18 mm[.708 in]
Application Diameter (Max) (Body)	41 mm[1.614 in]
Application Diameter (Min) (Leg)	4 mm[.157 in]
Application Diameter (Max) (Leg)	13 mm[0.511 in]
Expanded Inside Diameter (Min) (Body)	45 mm[1.771 in]
Expanded Inside Diameter (Min) (Leg)	14 mm[.551 in]
Leg Length	25 mm[.984 in]
Power Cable Breakout Overall Length	97 mm[3.818 in]
Recovered Inside Diameter (Max) (Body)	16.5 mm[.649 in]
Recovered Inside Diameter (Max) (Leg)	3.5 mm[.137 in]
Recovered Wall Thickness (Max) (Body)	2.5 mm[.098 in]
Recovered Wall Thickness (Max) (Leg)	1.9 mm[.074 in]
Body Length	73 mm[2.874 in]
Wall Thickness	Thick/Heavy

Usage Conditions

Flammability	Non-Flame-Retardant
Chemical Resistance	Transformer Oil & Hydrocarbons (Both, Depending on Type, Conditions & Exposure Time)
Environmental Resistance	Moisture, Weathering, Rain, Salt Water, Contaminated Water ...

Operation/Application

Emission Free	No
Thermal Resistance	Applicable for Low Temperatures, Applicable for High Temperatures, Flame-Retardant
Marine-Offshore-Shipbuilding Certified	No
Free of Lead, Cadmium, Heavy Metals	Yes
Non-Toxic & Non-Corrosive Emission	Yes
Low Smoke Emission	Yes
Mechanical Resistance	Against Mechanical Impact
UV-Stabilized	Yes



Industry Standards

CSA Certified	No
UL Rating	No

Product Availability

Minimum Order Quantity	15
Power Cable Breakout Product Availability	AMERICAS, ANZPAC, ASIA, EMEA

Packaging Features

Minimum Packaging Unit	15
------------------------	----

Other

Other Colors Available	No
Product Use	Closure on power cables and telecom cables

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

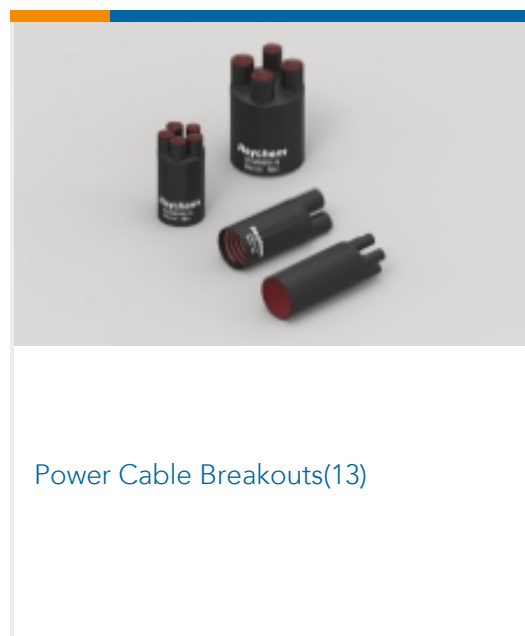
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>



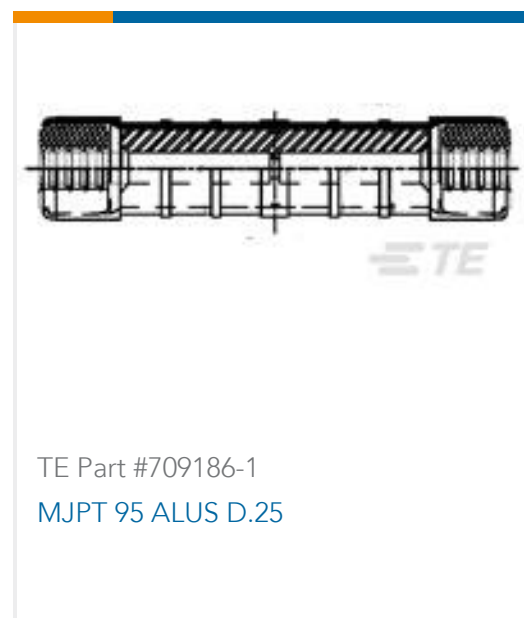
Compatible Parts

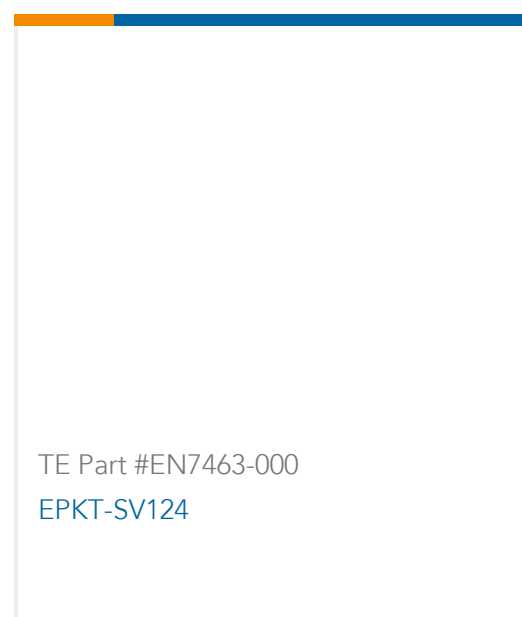
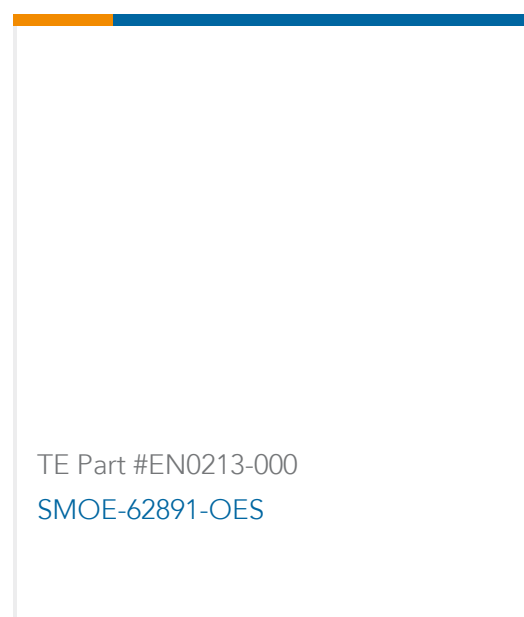
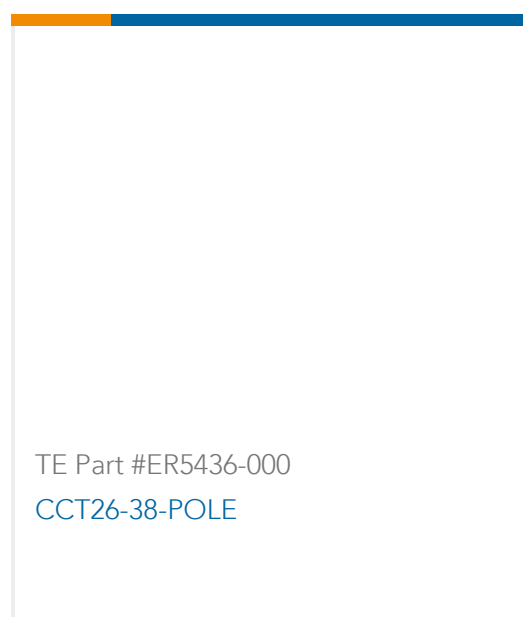


Also in the Series | RAYCHEM 502K



Customers Also Bought





Documents

Product Drawings

[502K033/S\(S15\)](#)

English

Datasheets & Catalog Pages

[RAYCHEM HEAT-SHRINKABLE HALOGEN-FREE CABLE BREAKOUTS](#)

English

[HEAT-SHRINKABLE HALOGEN-FREE CABLE BREAKOUTS IEC](#)

English

Instruction Sheets

[Instruction Sheet \(non U.S.\)](#)

English