



Raychem

TE Internal #: 122014N001

Power Cable Breakouts, EMEA / AMERICAS / ASIA, ≤ 1 kV, Heat Shrink, Cable Breakout Boot, Application Diameter (Min) (Body) 28 mm [1.102 in]

[View on TE.com >](#)

Power Systems > Power Cable Accessories > Power Cable Breakouts



Product Availability: AMERICAS, ANZPAC, ASIA, EMEA

Voltage Rating: ≤ 1 kV

Technology: Heat Shrink

Product Type: Cable Breakout Boot

Application Diameter (Min) (Body): 28 mm [1.102 in]

Features

Product Type Features

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

Configuration Features

Number of Branches/Legs	5
-------------------------	---

Electrical Characteristics

Voltage Rating	≤ 1 kV
----------------	--------

Body Features

Color	Black
Flexibility	Semi-Rigid

Mechanical Attachment

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



Dimensions

Application Diameter (Min) (Body)	28 mm[1.102 in]
Application Diameter (Max) (Body)	77 mm[3.031 in]
Application Diameter (Min) (Leg)	7 mm, 8 mm[.276 in][.315 in]
Application Diameter (Max) (Leg)	24 mm, 30 mm[.945 in][1 in]
Expanded Inside Diameter (Min) (Body)	85 mm[3.346 in]
Expanded Inside Diameter (Min) (Leg)	33 mm[1.299 in]
Leg Length	40 mm[1.574 in]
Overall Length	180 mm[7.086 in]
Recovered Inside Diameter (Max) (Body)	26 mm[1.023 in]
Recovered Inside Diameter (Max) (Leg)	6 mm, 7 mm[.236 in][.276 in]
Recovered Wall Thickness (Max) (Body)	3.2 mm[.125 in]
Recovered Wall Thickness (Max) (Leg)	2.2 mm[.086 in]
Body Length	75 mm[2.952 in]
Wall Thickness	Thick/Heavy

Usage Conditions

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

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	5
------------------------	---

Product Availability	AMERICAS, ANZPAC, ASIA, EMEA
----------------------	------------------------------

Packaging Features

Minimum Packaging Unit	5
------------------------	---

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	Not Yet Reviewed
------------------------------	------------------

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 2020 (205) Candidate List Declared Against: JUN 2016 (169) Does not contain REACH SVHC
--	---

EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JUN 2016 (169)
--	--

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

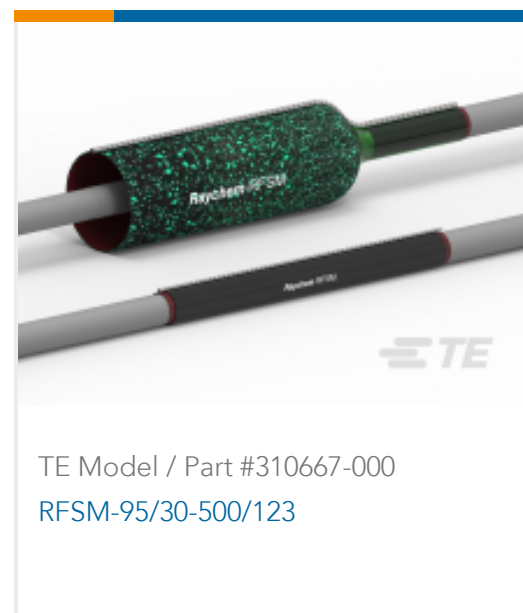
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



Customers Also Bought



Documents

[Datasheets & Catalog Pages](#)



RAYCHEM HEAT-SHRINKABLE HALOGEN-FREE CABLE BREAKOUTS

English

HEAT-SHRINKABLE HALOGEN-FREE CABLE BREAKOUTS IEC

English