



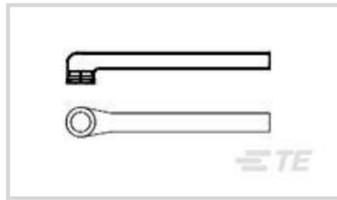
RAYCHEM

TE Internal #: 811146-000

Heat Shrink Boots, 90 °, Size 222, Lipped, 12, 200, -55 – 200 °C [-67 – 392 °F], Long-Term Fluid Immersion at High Temperatures

[View on TE.com >](#)

Wire Protection & Management > Heat Shrink Shapes > Heat Shrink Boots > Bulbous Heat Shrink Boots: Lipped, Right Angle



Molded Part Angle: **90 °**

Molded Part Shape Code: **222**

Lipped: **Yes**

Material Code: **12**

Heat Shrink Boot Material Systems Code: **200**

[All Bulbous Heat Shrink Boots: Lipped, Right Angle \(216\)](#)

**Features**

**Product Type Features**

Molded Part Angle	90 °
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**Configuration Features**

Lipped	Yes
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**Body Features**

Material Code	12
Heat Shrink Boot Material Systems Code	200
Adhesive Pre-Coat	No
Material	Modified Fluoro-Elastomer

**Dimensions**

Wire/Cable Outside Diameter	.39 in, .43 in, .433 in, .47 in, .55 in, 10 mm, 11 mm, 12 mm, 14 mm
Cable Diameter Range	8.4 – 18.5 mm [.331 – .728 in]

**Usage Conditions**

Operating Temperature Range	-55 – 200 °C [-67 – 392 °F]
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**Operation/Application**

Power Cable Accessory	No
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**Industry Standards**



Approved Standards	BS-G-198-5-DD, DEF Std 59-97 Issue 3 Type DD, SAE AS I 81765/4
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Government Qualified	No
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### Other

Molded Part Shape Code	222
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Fluid & Chemical Resistance	Long-Term Fluid Immersion at High Temperatures
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Adhesive Type	Adhesive Purchased Separately
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## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
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Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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### 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 # CJ2087-000  
HL2010E-KIT-120V



TE Part # 195133-000  
S1255-04-3/4X100FT

## Documents

### Product Drawings

[222D152-12-0](#)

English

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### Datasheets & Catalog Pages

[1654025\\_Sec4\\_-12](#)

English

[Raychem Molded Parts Visual Guide](#)

English

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### Product Specifications

[Product Specification](#)

English

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### Product Environmental Compliance

[Safety Datasheet](#)

[Safety Datasheet](#)

English

[Safety Datasheet](#)

French

[Safety Datasheet](#)

German

[Safety Datasheet](#)

[Safety Datasheet](#)

[Safety Datasheet](#)