



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



Molded Part Angle: 180 °

Molded Part Shape Code: 202

Lipped: Yes

Material Code: 3

Heat Shrink Boot Material Systems Code: 10

[All Bulbous Heat Shrink Boots: Lipped, Straight \(454\)](#)

Features

Product Type Features

|                   |       |
|-------------------|-------|
| Molded Part Angle | 180 ° |
|-------------------|-------|

Configuration Features

|        |     |
|--------|-----|
| Lipped | Yes |
|--------|-----|

Body Features

|                                        |                                |
|----------------------------------------|--------------------------------|
| Material Code                          | 3                              |
| Heat Shrink Boot Material Systems Code | 10                             |
| Adhesive Pre-Coat                      | No                             |
| Material                               | Semi-Rigid Modified Polyolefin |

Dimensions

|                             |                                                                                                                                          |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Wire/Cable Outside Diameter | .787 in, .87 in, .9 in, .94 in, 1 in, 1.02 in, 1.1 in, 1.18 in, 1.26 in, 1.34 in, 20 mm, 22 mm, 24 mm, 26 mm, 28 mm, 30 mm, 32 mm, 34 mm |
| Cable Diameter Range        | 16.8 – 38 mm[.661 – 1.496 in]                                                                                                            |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 135 °C[-67 – 275 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                       |    |
|-----------------------|----|
| Power Cable Accessory | No |
|-----------------------|----|



Industry Standards

|                      |                                                                                                |
|----------------------|------------------------------------------------------------------------------------------------|
| Approved Standards   | BS-G-198-5-DA, DEF Std 59-97 Issue 3<br>Type DA, SAE AS I 81765/1, Type I, UL 224, File E85381 |
| Government Qualified | No                                                                                             |

Other

|                             |                               |
|-----------------------------|-------------------------------|
| Molded Part Shape Code      | 202                           |
| Fluid & Chemical Resistance | Occasional Fluid Exposure     |
| Adhesive Type               | Adhesive Purchased Separately |

Product Compliance

For compliance documentation, visit the product page on TE.com>

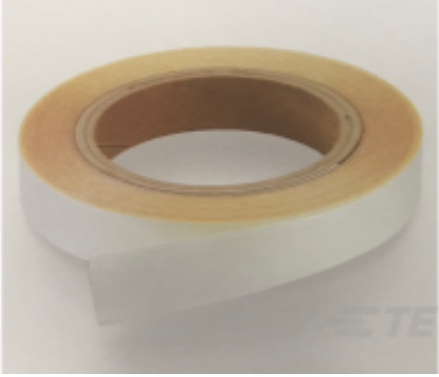
|                                               |                                                                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 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 2022 (224)<br>Candidate List Declared Against: JUNE 2022 (224)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                  |
| 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 # 890060-000  
[S1017-1.0X50](#)



TE Part # CJ2087-000  
[HL2010E-KIT-120V](#)

Documents

Product Drawings

[202K185-3-0](#)

English

Datasheets & Catalog Pages

[1654025\\_Sec4\\_-3](#)

English

[Raychem Molded Parts Visual Guide](#)

English

Product Specifications

[Product Specification](#)

English

Product Environmental Compliance

[Safety Datasheet](#)

[Safety Datasheet](#)

[Safety Datasheet](#)

English

[Safety Datasheet](#)

French

[Safety Datasheet](#)

German

[Safety Datasheet](#)

[Safety Datasheet](#)

[Safety Datasheet](#)

[Safety Datasheet](#)