

RW-175-E-1/2-X-SP

✓ ACTIVE

Raychem | Raychem RW-175-E

TE Internal #: CV25894001

Raychem RW-175-E, Heat Shrink Tubing, Clear, Single Wall Type,  
12.7 Expanded Inside Diameter (Min) .5 Expanded Inside Diameter  
(Min)

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Heat Shrink Tubing



Primary Product Color: **Clear**

Wall Type: **Single**

Expanded Inside Diameter (Min): **12.7 mm [ .5 in ]**

Recovered Inside Diameter (Max): **6.4 mm [ .25 in ]**

Shrink Ratio: **2:1**

Features

Product Type Features

Product Family	RW-175
Wall Type	Single

Electrical Characteristics

Voltage (Max)	.6 kV
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Body Features

Fluid Type	Anti-Icing Fluid, Aviation Fuel, Cleaning Solvents, Gasoline, Hydraulic Fluid, Lubricating Oil, Water
Primary Product Color	Clear
Shrink Ratio	2:1
Primary Product Material	Crosslinked Polyvinylidene Fluoride
Flexibility	Semi-Rigid

Dimensions

Recovered Wall Thickness (Tolerance)	.33 mm[.013 in]
Recovered Wall Thickness (Nominal)	.33 mm[.013 in]
Expanded Inside Diameter (Min)	12.7 mm[.5 in]
Recovered Inside Diameter (Max)	6.4 mm[.25 in]
Heat Shrink Tubing Size Range	6.4 – 12.7 mm[.25 – .5 in]

Usage Conditions



Fluid Resistance	Splash Protection
Shrink Temperature (Min)	155 °C
Heat Shrink Tubing Flammability	Highly Flame-Retardant
Operating Temperature Range	-55 – 175 °C
Heat Shrink Tubing Resistance	Abrasion, Cut-Through, Fluids, Mechanical Damage, Strain
Recovery Temperature	175 °C

Product Availability

Applicable Region	Global
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Packaging Features

Packaging Method	Reel
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Other

Meets Low Outgassing Requirements	No
Product Source	Czech Republic

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: JUN 2020 (209) Candidate List Declared Against: JUN 2020 (209) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
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

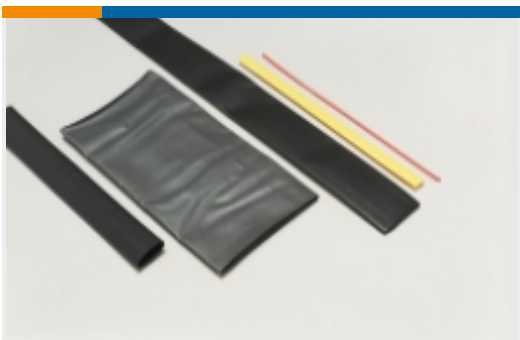


TE Part # CJ2087-000  
HL2010E-KIT-120V



TE Part # EG1114-000  
CV1981-ST-230V1600W-EU

Also in the Series | Raychem RW-175-E



Heat Shrink Tubing(24)

Customers Also Bought



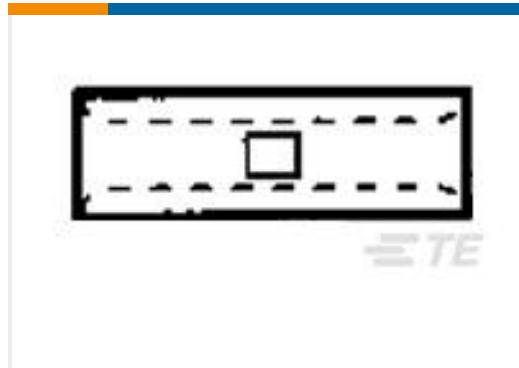
TE Part #4-1703639-1  
HDSCS HOUSINGS



TE Part #6-487937-0  
FFC Receptacle Housing: 1.27mm



TE Part #1-487547-1  
1.27mm FFC Connectors Socket Contacts



TE Part #323796  
SOLIS BUTT HR 22-16COM22-18MIL



TE Part #1355328-1  
AMP MCP, SEALED CONNECTOR HOUSING



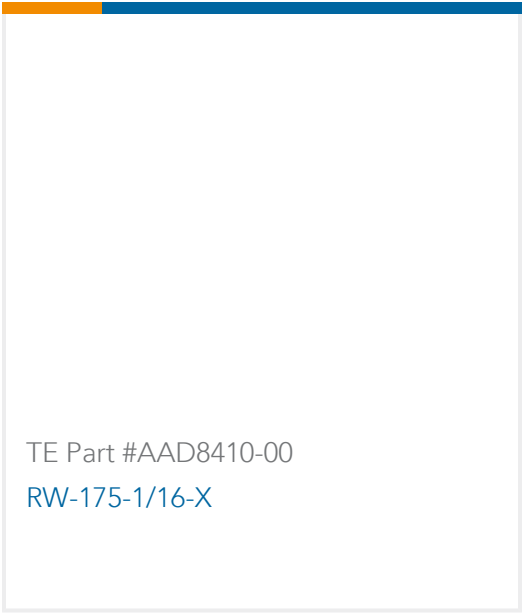
TE Part #2159683-2  
C/A, RJ.5 TO RJ.5, L=1000



TE Part #CV21064001  
RW-175-E-3/16-X-SP



TE Part #7-1614892-5  
CPF 0805 5K62 0.1% 25PPM 1K RL



Documents

Datasheets & Catalog Pages

Application Tooling for Raychem Heat Shrink Product

English

1-1773730-1 RW-175-E Heat-Shrinkable Tubing Flyer

English

Measuring\_Single\_Wall\_Tubing

English

Selecting\_Correct\_Tubing

English

Product Specifications

Product Specification

English

Product Specification

English

Global Dimensional Life for RAYCHEM Heat Shrink Tubing Standard Size Products (Customer Distribution)

English