

X2-1.0-0-SP-SM ✓ ACTIVE



RAYCHEM | RAYCHEM SWFR X2

TE Internal #: EM7479-000

Black, 2:1, Single Wall Tubing, Shrinks To .02 in [.5 mm], ZEROHAL Polyolefin, .051 in [1.3 mm] Inner Diameter, Flame-Retardant, RAYCHEM SWFR X2

[View on TE.com >](#)

Heat Shrink Tubing



Primary Product Color: **Black**

Wall Type: **Single Wall**

Expanded Inside Diameter (Min): **1.3 mm [.051 in]**

Recovered Inside Diameter (Max): **.5 mm [.02 in]**

Shrink Ratio: **2:1**

Features

Product Type Features

Wall Type	Single Wall
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Electrical Characteristics

Operating Voltage (Max)	.6 kV
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Body Features

Fluid Type	Water
Primary Product Color	Black
Shrink Ratio	2:1
Primary Product Material	ZEROHAL Polyolefin
Flexibility	Very Flexible

Dimensions

Recovered Wall Thickness (Nominal)	.44 mm[.017 in]
Expanded Inside Diameter (Min)	1.3 mm[.051 in]
Recovered Inside Diameter (Max)	.5 mm[.02 in]

Usage Conditions

Shrink Temperature (Min)	70 °C
Tubing Flammability Type	Flame-Retardant
Operating Temperature Range	-30 – 125 °C



Recovery Temperature 90 °C

Operation/Application

Mechanical Resistance Abrasion

Product Availability

Applicable Region Global

Packaging Features

Packaging Method Spool

Other

Meets Low Outgassing Requirements No

Product Source China

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 2023 (235)
 Candidate List Declared Against: JAN 2023 (233)
 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

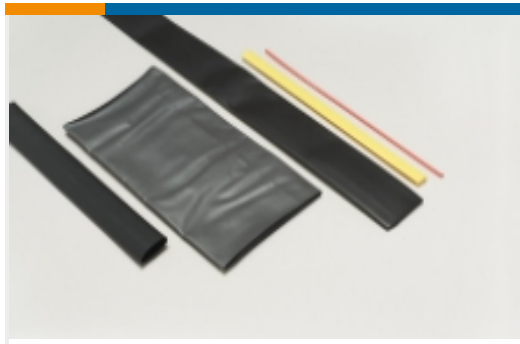
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



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

Also in the Series | RAYCHEM SWFR X2

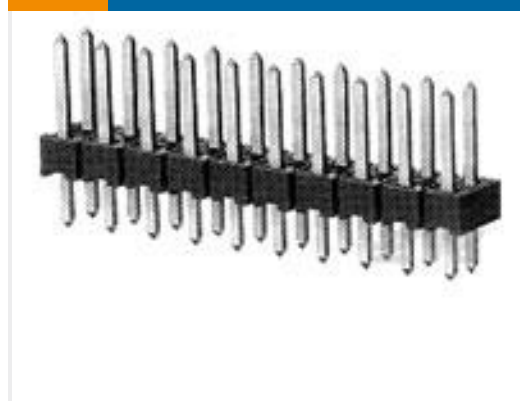


Heat Shrink Tubing(21)

Customers Also Bought



TE Part #10142048-20
HTU31D I.C 31D RH/T DIGITAL R400
4kV



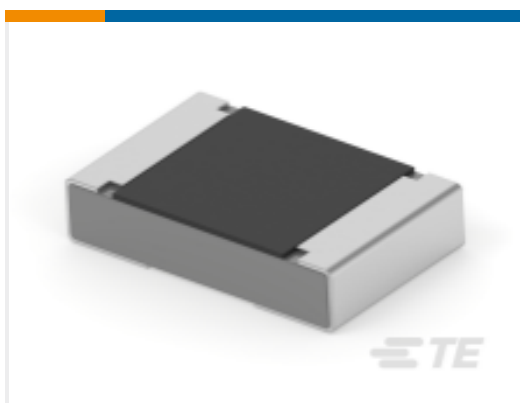
TE Part #5-146258-7
14 MODII HDR DRST B/A .100CL



TE Part #543633P064
SCT-NO.1-E6-0-STK



TE Part #2118712-4
1 PC STD SHIELD, AL-44.37X44.37X9.75MM



TE Part #8-2176482-3
RA73F 2A 365R 0.1% 5K RL



TE Part #146888-1
1FHP,64,30A/P,S,C,S10,12,13,15



TE Part #4-1879129-5
RN 0402 1K69 0.1% 10PPM 5K RL



TE Part #2361867-1
CAGE ASSEMBLY W/ TB, QDD
STACKED TE



TE Part #3-1532019-2
095-0527-0023=SINGLEPOWERSKTA



Documents

Product Drawings

[X2-1.0-0-SP-SM](#)

English

[X2-1.0-0-SP-SM](#)

English

Datasheets & Catalog Pages

[Highly Flame-Retardant, Zero halogen, Low Recovery Temperature, Metric-Sized Heat-Shrinkable Tubing](#)

English

Product Specifications

[Application Specification](#)

English