

EM6979-000 ✓ ACTIVE

RAYCHEM | RAYCHEM SWFR X4

TE Internal #: EM6979-000

Black, 2:1, Single Wall Tubing, Shrinks To .197 in [5 mm], ZEROHAL Polyolefin, 10 mm [.394 in] Inner Diameter, Flame-Retardant, Spool, RAYCHEM SWFR X4

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Heat Shrink Tubing



Primary Product Color: **Black**

Wall Type: **Single Wall**

Expanded Inside Diameter (Min): **10 mm [.394 in]**

Recovered Inside Diameter (Max): **5 mm [.197 in]**

Shrink Ratio: **2:1**

Features

Product Type Features

Product Family	X4
Wall Type	Single Wall

Electrical Characteristics

Voltage (Max)	.3 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)	.33 mm[.013 in]
Expanded Inside Diameter (Min)	10 mm[.394 in]
Recovered Inside Diameter (Max)	5 mm[.197 in]



Usage Conditions

Shrink Temperature (Min)	70 °C
Fluid Resistance	Moisture/Spray Protection
Heat Shrink Tubing Flammability	Flame-Retardant
Operating Temperature Range	-30 – 125 °C
Heat Shrink Tubing Resistance	Mechanical Damage
Recovery Temperature	90 °C

Product Availability

Applicable Region	Global
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Packaging Features

Packaging Method	Spool
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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: JAN 2023 (233) 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



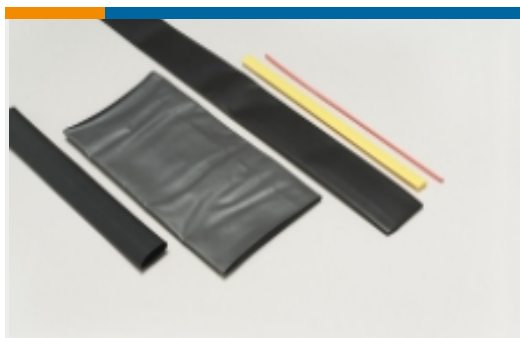
materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest 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 X4

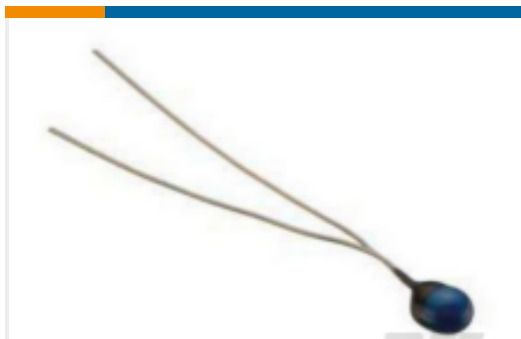


Heat Shrink Tubing(16)

Customers Also Bought



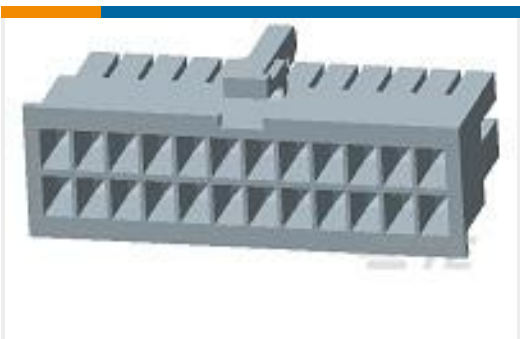
TE Part #2-6609037-4
7EP1=F8215



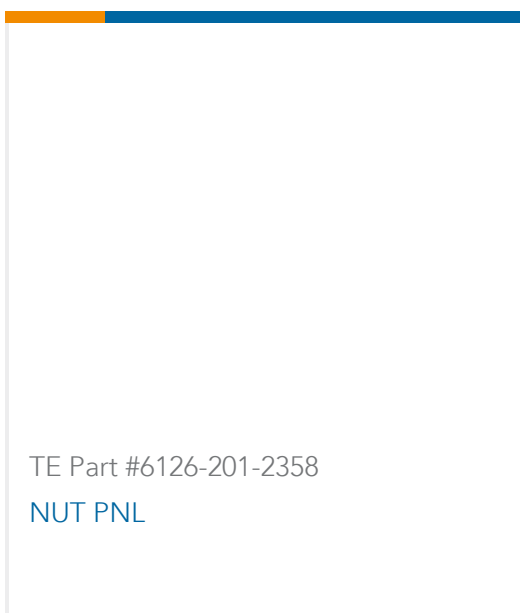
TE Part #SP44907X-33
44907X GSFC 311P18-07A76R



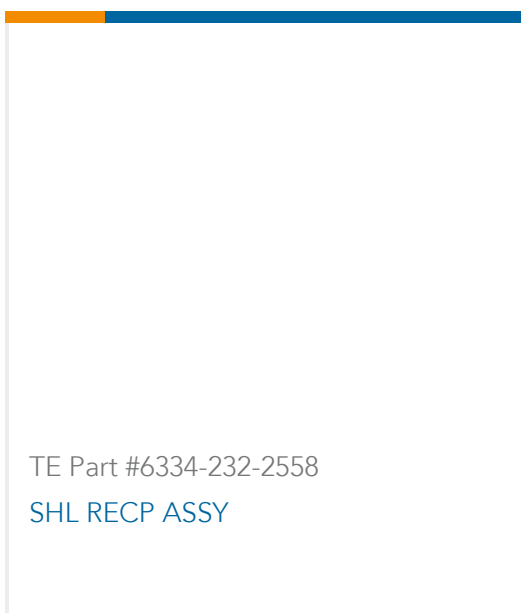
TE Part #T4051110004-005
M8 CABLE ST MALE 5M 4P PVC
CABLE



TE Part #2-1969603-0
20P RCPT VAL-U-LOK GW



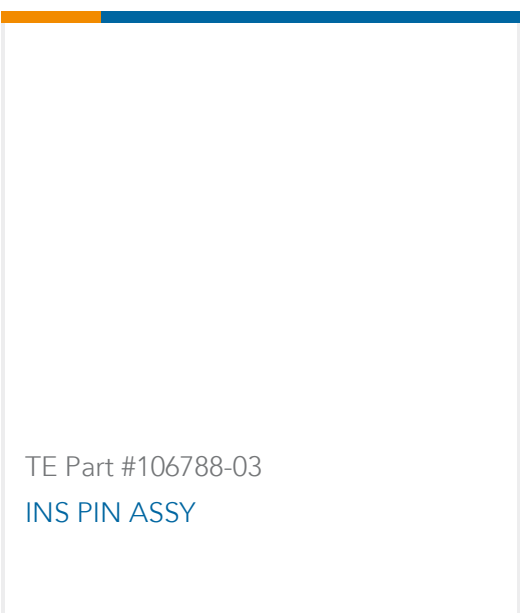
TE Part #6126-201-2358
NUT PNL



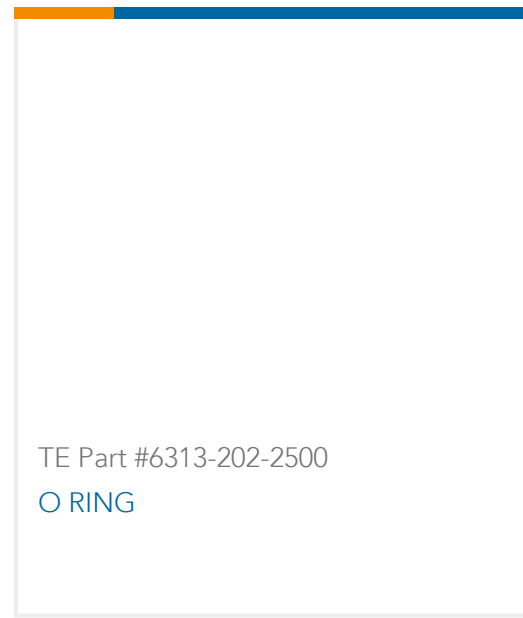
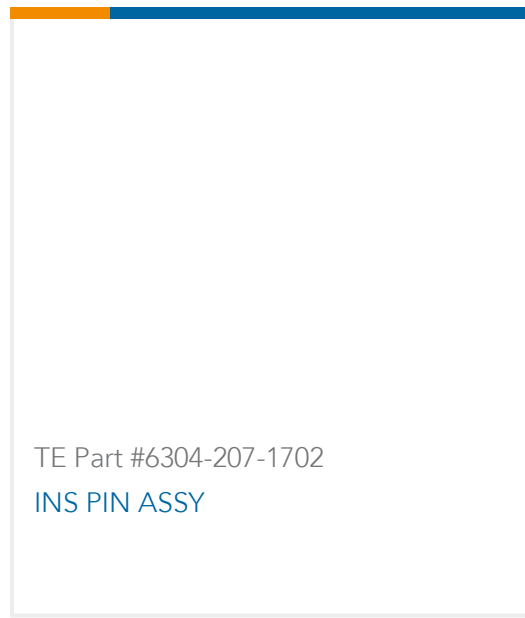
TE Part #6334-232-2558
SHL RECP ASSY



TE Part #0934-206-14107
SHL PLUG ASSY



TE Part #106788-03
INS PIN ASSY



Documents

Product Drawings

[X4-10.0-0-FSP-SM](#)

English

[X4-10.0-0-FSP-SM](#)

English

Datasheets & Catalog Pages

[Very-Thin-Wall, Highly Flame-Retardant, Zero Halogen, Metric-Sized Heat-Shrinkable Tubing](#)

English

Product Specifications

[Application Specification](#)

English