

ATUM-3/1-0-MS-STK × OBSOLETE

Raychem

TE Internal #: 5504062129

TE Internal Description: ATUM-3/1-0-MS-STK

Mil-Spec: [M23053/4-301-0]

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Heat Shrink Tubing



Wall Type: **Dual**

Expanded Inside Diameter (Min): **3 mm [.118 in]**

Recovered Inside Diameter (Max): **1 mm [.039 in]**

Packaging Method: **Stick**

Flammability: **Flame-Retardant**

Features

Product Type Features

Product Family	ATUM
Wall Type	Dual

Electrical Characteristics

Voltage (Max)	.6 kV
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Body Features

Fluid Type	Chemicals/Solvents, Diesel Fuel, Hydraulic Fluid, Lubricating Oil, Water
Material	Irradiated Modified Polyolefin
Shrink Ratio	3:1
Color	Black
Flexibility	Semi-Flexible

Dimensions

Recovered Wall Thickness (Tolerance)	.28 mm[.011 in]
Cut Length	1220 mm[48.031 in]
Recovered Wall Thickness (Nominal)	1 mm[.039 in]
Expanded Inside Diameter (Min)	3 mm[.118 in]
Recovered Inside Diameter (Max)	1 mm[.039 in]

Usage Conditions

Fluid Resistance	Moisture, Splash Protection, Spray
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	Protection
Shrink Temperature (Min)	80 °C
Flammability	Flame-Retardant
Operating Temperature Range	-55 – 110 °C
Resistant To	Fluids, Mechanical Damage, Strain
Recovery Temperature	110 °C

Product Availability

Applicable Region	Global
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Packaging Features

Packaging Method	Stick
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Other

Low Outgassing	No
Product Source	US

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: JUL 2019 (201) SVHC > Threshold: 1,6,7,8,9,14,15,16,17,17,18,18-dodecachloropentacyclo [12.2.1.16,9.02,13.05,10]octadeca-7,15-diene (Dechlorane Plus) (10%) Article Safe Usage Statements: Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

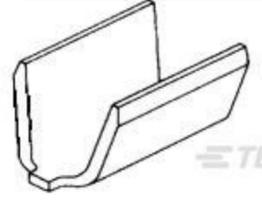
Customers Also Bought



TE Model / Part #6-1611010-2
DP CONTACTORS, 3 POLE, 20-40FLA



TE Model / Part #42563-6
FASTON 250 FLAG REC 12-10 AWG
SPHBZ



TE Model / Part #485020-1
SPLICE 6000-8000 .020 TPST



TE Model / Part #1393105-7
KRPA-5DY-24=KRPA



TE Model / Part #11026329-00
Model 44000 Series



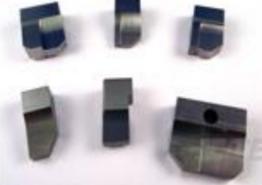
TE Model / Part #679857-2
CRIMPER, WIRE "F"



TE Model / Part #9-1393101-0
KRP-11DG-6=KA/KB/KC/KR



TE Model / Part #459722-4
BLADE SHEAR



TE Model / Part #690750-5
ANVIL



TE Model / Part #3-1393104-8
KRPA-11AY-240=KRPA

Documents

Datasheets & Catalog Pages

[ATUM Pages from 9-1773447-9](#)

English

Application Tooling for Raychem Heat Shrink Product

English

Measuring_Single_Wall_Tubing

English



[Selecting_Correct_Tubing](#)

English

[Product Specifications](#)

[Product Specification](#)

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[Tubing Customer Specification Report](#)

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[Global Dimensional Life for RAYCHEM Heat Shrink Tubing Standard Size Products \(Customer Distribution\)](#)

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