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ATUM-12/4-0-MS-STK Product Details

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Active

Heat Shrink Tubing

ATUM-12/4-0-MS-STK

ATUM-12/4-0-MS-STK (M23053/4-303-0)

TE Internal Number: 5509102149

Product Highlights [View All](#)

- Heat Shrinkable Tubing
- Product Name = ATUM
- Product Source = U.K., U.S.
- Semiflexible
- Thin Wall Style

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Please Note:

Use the Product Drawing for all design activity

Product Type Features

Product Type	Heat Shrinkable Tubing
Color	Black

Dimensions

Expanded ID, Min. (mm [in])	12.00 [0.472]
Recovered ID, Max. (mm [in])	4.00 [0.157]
Cut Length (mm [in])	1220.00 [48.031]

Body Features

Product Name	ATUM
Pliancy	Semiflexible
Wall Style	Thin
Wall Type	Dual
Lining Type	Adhesive
Material	Crosslinked Polyolefin

Environmental

Fluid Resistance	Moisture/Spray, Splash Protection
Operating Temperature (°C)	-55 - +111

Conditions for Usage

Full Recovery Temperature (°C)	110
Shrink Temperature, Min. (°C)	80
High Temperature Compatible	No

Operation/Application

Emission Free	No
Product Use	Cable Breakouts, Cable Ends, Connector-to-Cable Transitions, Electronic Components, Harnesses, Wire Breakouts, Wire Splices
Application	Cable Jacket Repair Sleeve, Cable Jacketing, Insulation and Protection, Sealing

Shrink Ratio	3:1	Packaging Features
Fluid Type	Aviation Fuel, Brake Fluid, Chemicals/Solvents, Hydraulic Fluid, Lubricating Oil, Water	Packaging Method
Resistant To	Fluids, Mechanical Damage, Strain	Stick
Wall Thickness - Full Recovery (Nominal) (mm [in])	1.78 [0.070]	Product Availability
Housing Features		Product Source
Material Systems	No	U.K., U.S.
Industry Standards		Other
Government/Industry Qualification	Yes	Brand
Government/Industry Part Number	M23053/4-303-0	Raychem
Flammability Rating	Flame-Retardant	
UL Rating	Recognized	
CSA Certified	No	
Approved Standards	SAE AMS-DTL-23053/4 Class 3, UL E85381	
RoHS/ELV Compliance	RoHS compliant, ELV compliant	
Lead Free Solder Processes	Not relevant for lead free process	
RoHS/ELV Compliance History	Always was RoHS compliant	

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