

Especificación de Cliente

NO. DE PIEZA FIT-221L-1/8

Construction

1) Tubing Type	Heat Shrinkable Tubing
2) Tubing Material	LSZH Polyolefin
3) Minimum Supplied ID(In)	0.125
4) Maximum Recovered ID (In)	0.062
5) Nominal Recovered Wall Thickness(In)	0.017
6) Color(s)	BLACK

Applicable Specifications

1) UL	Standard 224	125°C / 600 V _{RMS}
	VW-1	

Environmental

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Properties

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Physical & Mechanical Properties		
1) Temperature Range	-55 to 125°C	
2) Shrink Ratio	Approximately 2:1	
3) Full Recovery Temperature	110°C	
4) Minimum Shrink Temperature	100°C	
5) Tensile Strength	1500psi, Min	ASTM D638
6) Elongation	200%, Min	ASTM D638
7) Low Temperature Flex(-30°C)	no cracking	AMS-DTL-23053
8) Heat Resistance(158°C,168hrs)	100% Elongation, Min	ASTM D638
9) Heat Shock(250°C,4hrs)	no cracking	AMS-DTL-23053
10) Secant Modulus	2.5x10 ⁴ psi, Min	ASTM D882
11) Longitudinal Change	+/-5%	AMS-DTL-23053
12) Shelf Life	25 Years @ 18 to 35°C	
Electrical Properties		
Chemical Properties		
1) Water Absorption	0.70%, Max	ASTM D570
2) Copper stability(158°C,168hrs)	100% Elongation, Min	UL 224
3) Corrosion(158°C,16hrs)	no corrosion	AMS-DTL-23053
4) Halogen Free	Yes	
5) Lead Free	Yes	

Other

Packaging	
1) 500 FT	CR19-0.7: 19.75 x 0.75 x 8 Max. 3 pieces/Min length 50 FT.

www.alphawire.com

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EU/China ROHS CERTIFICATE OF COMPLIANCE

To Whom It May Concern:

Alpha Wire Part Number: FIT-221L-1/8

FIT-221L-1/8, RoHS-Compliant Commencing With 27/01/2014 Production

Note: all colors and put-ups

This document certifies that the Alpha part number cited above is fully compliant with Directive 2011/65/EU of the European Parliament, by certain hazardous substances used in the manufacture of electrical and electronic equipment. The reader is referred to this Directive for the **required for RoHS Compliance on this item**. It should be noted that this product does not fall within the scope of Directive 2011/65/EU, EEE that does fit within the Directive's scope. Additionally, Alpha certifies that the listed part number is in compliance with China RoHS "Mar SJ/T 11364-2006.

Substance

Lead
Mercury
Cadmium
Hexavalent Chromium
Polybrominated Biphenyls (PBB)
Polybrominated Diphenyl Ethers (PBDE) ,
Including Deca-BDE

Maximum Control Value

0.1% by weight (1000 ppm)
0.1% by weight (1000 ppm)
0.01% by weight (100 ppm)
0.1% by weight (1000 ppm)
0.1% by weight (1000 ppm)

0.1% by weight (1000 ppm)

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Dave Watson, Director of Engineering & QA 07/06/2026

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