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**ALPHA WIRE COMPANY  
CUSTOMER SPECIFICATION**

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Part Number: FIT-CRIMP  
Page 1 of 2 Pages

Issue: 4  
Issue Date: 10/28/2008  
Effective Date: 11/28/2008

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**A. Construction**

- |                            |   |
|----------------------------|---|
| 1) Barrel Splice Material: | Seamless Crimp Barrel   |
| 2) Insulation              |   |
| a) Material:               | Heat Shrinkable Nylon   |
| b) Sealant:                | Polyamide Based Hot Melt Adhesive                                       |
| c) Crimp Splice            | Base Metal: Tin plated copper<br>Plating Tin plated Mil-T-10727, Type 1 |

**B. Industry Approvals**

- |          |                    |
|----------|--------------------|
| 1) UL    | Yes                |
| 2) c(UL) | Yes                |
| 3) Other | Mil-T-10727 Type 1 |

**C. Physical Properties**

- |                            |  |
|----------------------------|--|
| 1) Operating Temperature   | -55c to +125C  |
| 2) Insulation Shrink Ratio | 2:1, Approx.   |
| 3) Color Code              | FIT-CRIMP-1: Red<br>FIT-CRIMP-2: Blue<br>FIT-CRIMP-3: Yellow |

**D. Finished Product Requirements**

- |                                   |                       |
|-----------------------------------|-----------------------|
| 1) Dimensions                     | See Table 1, Figure 1 |
| 2) Shelf Life                     | 25 years              |
| 3) EU Directive 2002/95/EC(RoHS): |                       |

All materials used in the manufacture and packaging of this part must meet the requirement of EU Directive 2002/95/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment. The outer surface materials of this product must be in accordance with CA Proposition 65 and contain no greater than 300 ppm of lead and meet all other chemical constraints as outlined in CA Proposition 65.

- |                               |  |
|-------------------------------|--|
| 4) California Proposition 65: |  |
|-------------------------------|--|

**E. Other**

- |              |                                   |
|--------------|-----------------------------------|
| 1) Packaging | 25 pc., 100 pc., 500 pc. Packages |
|--------------|-----------------------------------|

This technical specification outlines the requirements for the products described herein. Deviations from this specification are **not permitted** without the written authorization of the Alpha Wire Engineering Department. All finished products will be inspected to this specification and noncompliance or unauthorized deviations will be cause for rejection and return of product.

All information contained herein is confidential. Its use is restricted to authorized Alpha Wire Company personnel or authorized vendors of the Alpha Wire Company. Under no circumstances shall this document be duplicated in any form or shown to/discussed with unauthorized personnel without the expressed written consent of the Alpha Wire Engineering Department.

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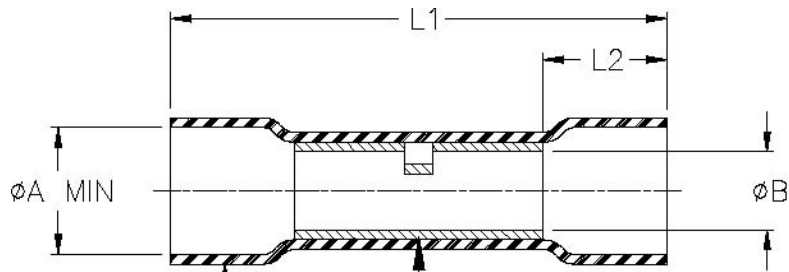
Part Number: FIT-CRIMP  
Page 2 of 2 Pages

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Table 1

Alpha P/N	Conductor Range AWG	L1 +/-0.060	L2 Min	øA Min As Received	øA Max After Recovery	øB Min	Wire Strip Length Nom
FCRIMP1	18 – 22	1.50	0.390	0.170	0.055	0.058	1/4 - 3/8
FCRIMP2	14 – 16	1.50	0.390	0.197	0.080	0.092	1/4 - 3/8
FCRIMP3	10 – 12	1.70	0.390	0.255	0.110	0.138	3/8 – 1/2

Figure 2



This technical specification outlines the requirements for the products described herein. Deviations from this specification are **not permitted** without the written authorization of the Alpha Wire Engineering Department. All finished products will be inspected to this specification and noncompliance or unauthorized deviations will be cause for rejection and return of product.

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