

# Type CNR-02

## PC Board Type Fuse Clips

### Standard Auto Blade Fuses



www.optifuse.com (619) 593-5050

#### Specifications:

Rating: 30A-40A (see part number chart)  
 Dielectric Strength for 60 seconds: AC1500V Min.  
 Initial Insertion Force (Min./Max.): 1kg / 8 kg  
 Initial Extraction Force (Min./Max.): 1kg / 10 kg  
 Insertions: 25 Min.  
 Initial Contact Resistance at 1A DC: 5mΩ Max.  
 Insulation Resistance at 500V DC: 100MΩ Min.  
 Initial Voltage Drop: 20mV Max.  
 Temperature Rise: 50° C Max.  
 Molded Base:

Flame Retardant 94V0 Thermoplastic

#### Terminals:

Brass: C2680 Brass, H, Cu 68%, Zn 32%, 0.35t

Beryllium Copper: C172 (BeCu) – 2.1% Be / 0.25% Co + Ni / 97.65% Cu

#### Plating:

Bright Tin Plated - 3μ min.

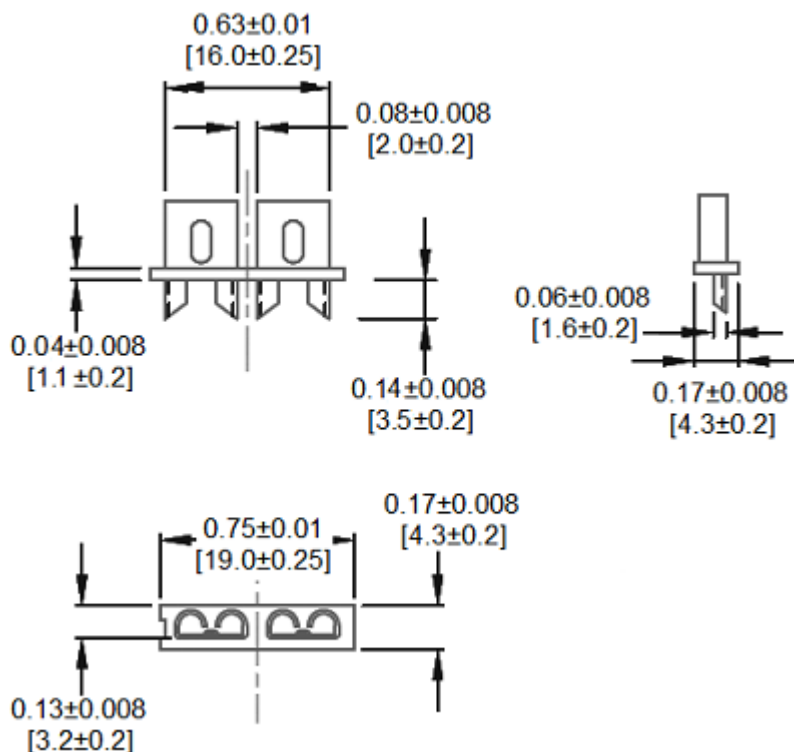
Matte Tin Plated - 3μ min.

Shelf-Life: 5 years stored @ 0°- 40° C and RH < 70%

Part No.	Body	Finish	Amperage
<b>CNR-02</b>	Brass	Bright Tin	30A
<b>CNR-02-CE</b>	Brass	Matte Tin	30A
<b>CNR-02-BR</b>	Beryllium Copper	Bright Tin	40A
<b>CNR-02-BE</b>	Beryllium Copper	Matte Tin	40A

For use with Type **APR** Fuses (Standard-Automotive Blade Type)

#### Mechanical Dimensions: Inches [mm]



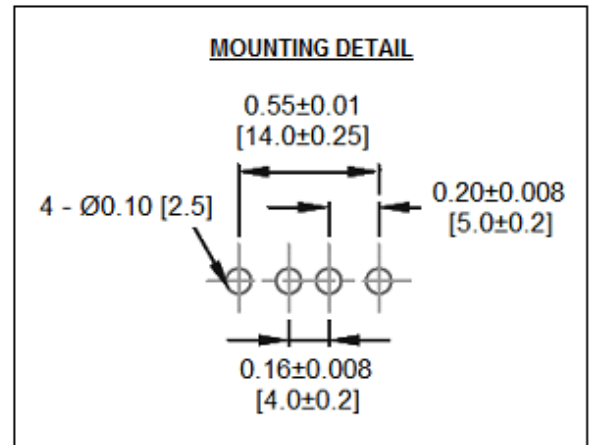
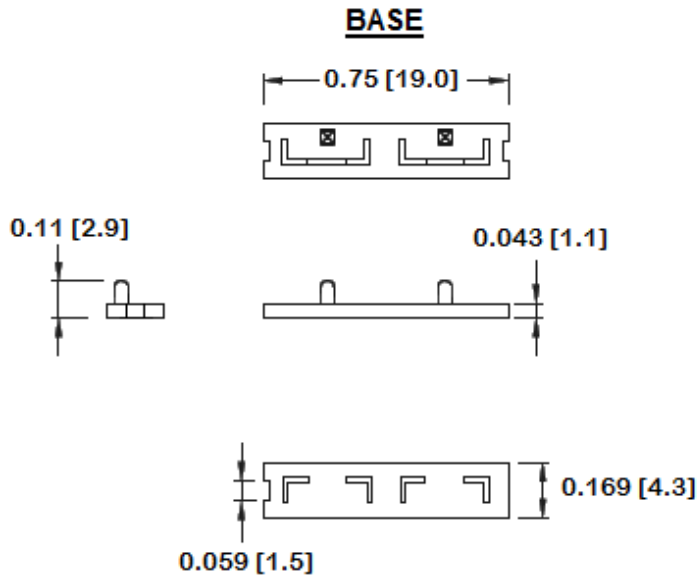
Note: All specifications subject to change without notice.

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## Mechanical Dimensions: Inches [mm] (continued)



Dimensions	Tolerances
< 0.039 [1]	± 0.001 [0.03]
0.039 ~ 0.315 [1 ~ 7.995]	± 0.008 [0.2]
0.315 ~ 0.984 [8 ~ 24.995]	± 0.010 [0.25]
0.984 ~ 3.937 [25 ~ 99.995]	± 0.012 [0.3]

<p><b>Warning:</b></p>	<p>-Operation beyond the specified maximum ratings or improper use may result in damage and possible electrical arcing and/or flame.</p> <p>-Avoid contact of device with chemical solvent. Prolonged contact may damage the device performance.</p>
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