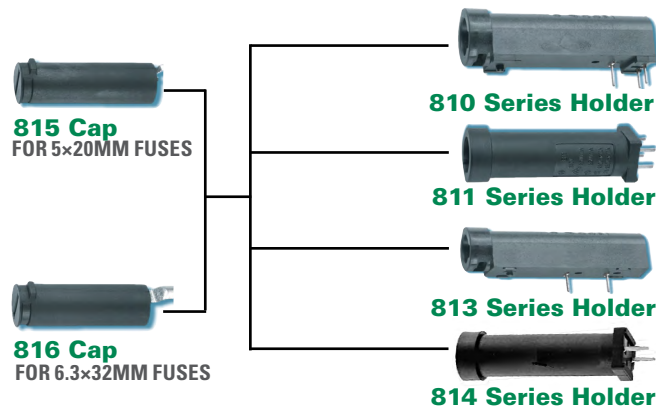
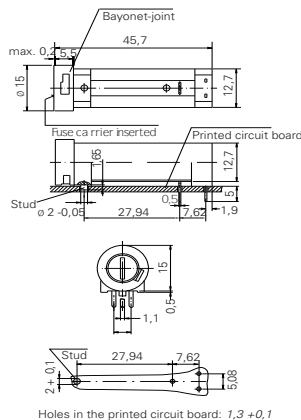


### 810/811/813/814 Series Circuit Board Mount Enclosed Fuse Holders

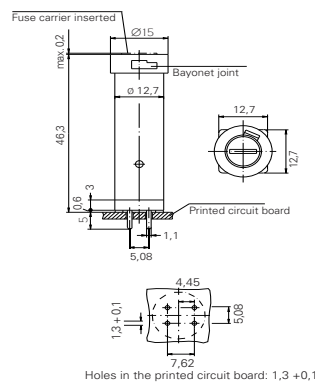


#### Dimensions

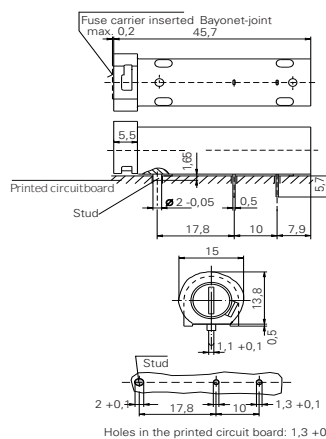
##### 810 Series



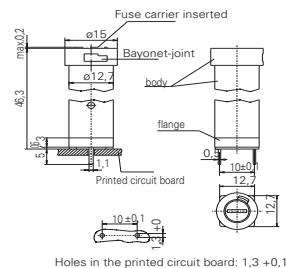
##### 811 Series



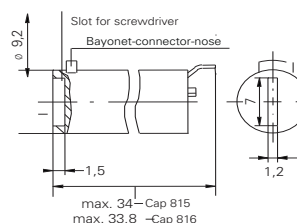
##### 813 Series



##### 814 Series



##### 815/816 Cap



#### Product Characteristics

|                                        | 810 Series                                                                                              | 811 Series                                                                         | 813 Series                                     | 814 Series                                     |
|----------------------------------------|---------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------|------------------------------------------------|
| <b>Compatible Fuse Types</b>           | 5x20mm<br>6.3x32mm                                                                                      | 5x20mm<br>6.3x32mm                                                                 | 5x20mm<br>6.3x32mm                             | 5x20mm<br>6.3x32mm                             |
| <b>Materials</b>                       | <b>Holder/Cap:</b> Black Thermoplastic, UL94 V-0                                                        |                                                                                    |                                                |                                                |
|                                        | <b>Metal Parts:</b> Copper alloy, corrosion protected                                                   |                                                                                    |                                                |                                                |
|                                        | <b>Terminals:</b> Solderable, tinned                                                                    |                                                                                    |                                                |                                                |
| <b>Electrical Data (23°C)</b>          | <b>Rated Voltage:</b> 250V                                                                              |                                                                                    |                                                |                                                |
|                                        | <b>Rated Current:</b> 6.3A (VDE) 16A (UL/CSA)                                                           |                                                                                    |                                                |                                                |
|                                        | <b>Rated Power:</b><br>2.5W (VDE)                                                                       | <b>Rated Power:</b><br>1.6W<br>(813+815 - VDE) 2.5W<br>(813+816 - VDE)             | <b>Rated Power:</b><br>2.5W<br>(813+816 - VDE) | <b>Rated Power:</b><br>2.5W<br>(813+816 - VDE) |
| <b>Mounting</b>                        | (3) Solder pins 0.5mm x 1.1mm and plastic stud. The pins spaced at 5.08mm form a common connection.     | (4) Solder pins 0.5mm x 1.1mm. The pins spaced at 5.08mm form a common connection. | (2) Solder pins 0.5mm x 1.1mm and plastic stud | (2) Solder pins 0.5mm x 1.1mm                  |
| <b>Protection Class &amp; Category</b> | IP 40 (IEC 60529) PC2 (IEC 60127-6)                                                                     |                                                                                    |                                                |                                                |
| <b>Operating Temperature</b>           | -25 °C to 70 °C                                                                                         |                                                                                    |                                                |                                                |
| <b>Climatic Test</b>                   | -25°C/+70°C/21 days (IEC 60068-2-1...3)                                                                 |                                                                                    |                                                |                                                |
| <b>Stock Conditions</b>                | +10°C to +60°C relative humidity ≤ 75% yearly average, without dew, maximum value for 30 days - 95%     |                                                                                    |                                                |                                                |
| <b>Vibration Resistance</b>            | 24 cycles at 15 min. each (IEC 60068-2-6) 10 - 60Hz at 0.75mm amplitude 60 - 2000Hz at 10g acceleration |                                                                                    |                                                |                                                |
| <b>Contact Resistance</b>              | ≤ 5mΩ                                                                                                   |                                                                                    |                                                |                                                |
| <b>Dielectric Strength</b>             | > 1.5 kV                                                                                                |                                                                                    |                                                |                                                |
| <b>Impulse Voltage</b>                 | 4 kV, 50 Hz, 1 min., dry                                                                                |                                                                                    |                                                |                                                |
| <b>Insulation Resistance</b>           | > 10 <sup>3</sup> MΩ (500 VDC, 1 min.)                                                                  |                                                                                    |                                                |                                                |
| <b>Solderability</b>                   | 235°C, 3 sec. (Wave) 350°C, 1 sec. (Soldering Iron)                                                     |                                                                                    |                                                |                                                |
| <b>Soldering Heat Resistance</b>       | 260°C, 5 sec. (IEC 60068-2-20)                                                                          |                                                                                    |                                                |                                                |
| <b>Min Cross Section</b>               | Conducting path - 0.2mm <sup>2</sup>                                                                    |                                                                                    |                                                |                                                |
| <b>Marking</b>                         | 810, 250V, Approvals                                                                                    | 811, 250V, Approvals                                                               | 813, 250V, Approvals                           | 814, 250V, Approvals                           |
| <b>Unit Weight</b>                     | 5.4g (Holder) / 2.5g (Cap)                                                                              | 5.2g (Holder) / 2.5g (Cap)                                                         | 5.8g (Holder) / 2.5g (Cap)                     | 4.6g (Holder) / 25g (Cap)                      |

Agency approvals and ordering information is included on the next page.

## Agency Approvals

| Agency                                                                            | Agency File Number |            |            |            |
|-----------------------------------------------------------------------------------|--------------------|------------|------------|------------|
|                                                                                   | 810 Series         | 811 Series | 813 Series | 814 Series |
|  | 118611             | 120642     | 118349     | 118347     |
|  | E 70164            | E 70164    | E70164     | E70164     |
|  | 47574              | 47574      | 47574      | 47574      |

## Ordering Information

| Description       | Ordering Number | Packaging |
|-------------------|-----------------|-----------|
| Cap, 5x20 mm      | 815 0000 0005   | Bulk 100  |
| Cap, 6.3x32 mm    | 816 0000 0005   | Bulk 100  |
| 810 Series Holder | 810 0000 0005   | Bulk 100  |
| 811 Series Holder | 811 0000 0005   | Bulk 100  |
| 813 Series Holder | 813 0000 0005   | Bulk 100  |
| 814 Series Holder | 814 0000 0005   | Bulk 100  |

## Additional Information



**Datasheet**  
**810 Series**



**Datasheet**  
**811 Series**



**Datasheet**  
**813 Series**



**Datasheet**  
**814 Series**



**Resources**  
**810 Series**



**Resources**  
**811 Series**



**Resources**  
**813 Series**



**Resources**  
**814 Series**



**Samples**  
**810 Series**



**Samples**  
**811 Series**



**Samples**  
**813 Series**



**Samples**  
**814 Series**