

# C220X

## Feed through connector



### Agency information Environmental compliance

RoHS

### Ordering part number

**C220x**

Family name

Code

### Product features

- 1000 Vac/Vdc, 200/250 A rating
- Flammability: UL94 V-0
- Materials: Black or Red thermoplastic with bright tin-plated brass studs, SUS304 nuts
- Temperature rating: +120 °C
- Termination and torque rating:  
5/16" - 18 UNC-2A, 100 in-lb (11.3 N-m)  
3/8" - 16 UNC-2A, 200 in-lb (22.6 N-m)

### Packaging

- C2201: 10 pcs per inner box, 40 pcs per carton
- C2202: 10 pcs per inner box, 40 pcs per carton
- C2203: 10 pcs per inner box, 40 pcs per carton
- C2204: 10 pcs per inner box, 40 pcs per carton
- C220X-5-16-NUT: 100 pcs per polybag
- C220X-3-8-NUT: 100 pcs per polybag



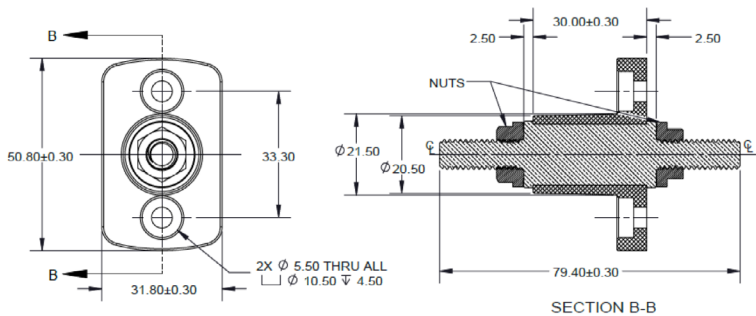
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## Specifications

| Part number    | Voltage rating*<br>(V) | Current rating<br>(A) | Stud size            | Maximum torque | Nut size             | Material  | Color (Pantone #;<br>for reference only) |
|----------------|------------------------|-----------------------|----------------------|----------------|----------------------|---|--|
| C2201          | 1000                   | 200                   | 5/16" - 18<br>UNC-2A | 100 in-lb      | 5/16" - 18<br>UNC-2B | Thermoplastic/<br>Tin-plated Brass/<br>SUS304 Nut | Black (PQ-BLACKC)                        |
| C2202          | 1000                   | 200                   | 5/16" - 18<br>UNC-2A | 100 in-lb      | 5/16" - 18<br>UNC-2B | Thermoplastic/<br>Tin-plated Brass/<br>SUS304 Nut | Red (PQ-187)                             |
| C2203          | 1000                   | 250                   | 3/8" - 16<br>UNC-2A  | 200 in-lb      | 3/8" - 16<br>UNC-2B  | Thermoplastic/<br>Tin-plated Brass/<br>SUS304 Nut | Black (PQ-BLACKC)                        |
| C2204          | 1000                   | 250                   | 3/8" - 16<br>UNC-2A  | 200 in-lb      | 3/8" - 16<br>UNC-2B  | Thermoplastic/<br>Tin-plated Brass/<br>SUS304 Nut | Red (PQ-187)                             |
| C220X-5-16-NUT | N/A                    | N/A                   | N/A                  | N/A            | 5/16" - 18<br>UNC-2B | SUS304 Nut  | N/A                                      |
| C220X-3-8-NUT  | N/A                    | N/A                   | N/A                  | N/A            | 3/8" - 16<br>UNC-2B  | SUS304 Nut  | N/A                                      |

\*Self-certified voltage withstanding between terminal and body under 4000 V, 1 min, no breakdown

## Dimensions- mm



| FG P/N         | Dim H<br>(mm) | Dim D<br>(mm) | Dim S<br>(mm) | Thread size       |
|----------------|---------------|---------------|---------------|-------------------|
| C220X-5-16-NUT | 6.80 ~ 7.19   | 16.76 ~ 17.28 | 12.42 ~ 12.70 | 5/16" - 18 UNC-2B |
| C220X-3-8-NUT  | 8.45 ~ 8.81   | 18.49 ~ 19.05 | 13.99 ~ 14.28 | 3/8" - 16 UNC-2B  |

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Printed in USA  
Publication No. ELX1238 BU-ELX22100  
October 2022

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