

## SERIES 99

# 5,0mm Eurostyle® Pluggable PCB Header

### Description

The series 99 Eurostyle® headers on 5,0mm (.197") spacing are polarized to mate with Beau 99 series plugs.

Featuring a new lower profile, the mated vertical plug and header is 69% shorter than standard mated vertical plug and header combinations and 45% more narrow than the mated horizontal plug and right angle header.

Made in the USA, in our ISO 9001 certified facility, all Eurostyle® terminal blocks embody the highest quality standards in the industry - using the finest materials and world class manufacturing processes. They meet or exceed all applicable industry standards.

### Features

- **Secure retention system resist vibration and wire loads.** Positive latching mechanism features audible and visual mating verification.
- **Polarization feature.** Eliminates potential for mismating of plug and header and facilitates blind mating. Custom order for unique plug and header keying.
- **Convection or vapor phase soldering.** The 250°C process rating enables "pin and paste" or intrusive reflow techniques, eliminating wave soldering.



### PRODUCT RATINGS

|             |         |                 |
|-------------|---------|-----------------|
| UL          | Class B | 12 Amps @ 300 V |
|             | Class C | 10 Amps @ 300 V |
| CSA         | Class B | 10 Amps @ 300 V |
| IEC 947-7-1 |         | 10 Amps @ 300 V |

### APPROVALS

|               |                 |
|---------------|-----------------|
| UL (pending)  | File No. E48521 |
|               | Guide No. XCFR2 |
| CSA (pending) | File No. 025562 |

### TECHNICAL SPECIFICATIONS

|                   |               |
|-------------------|---------------|
| <b>ELECTRICAL</b> |               |
| DWV               | >4000 VDC     |
| IR                | >5000 Megohms |

|                      |                 |
|----------------------|-----------------|
| <b>ENVIRONMENTAL</b> |                 |
| RTI Electrical       | -55° to +140° C |
| UL 746B              |                 |

### MATERIALS

|             |                           |
|-------------|---------------------------|
| Insulator   | Nylon 4.6, UL94V-0, black |
| Header pins | Brass, tin plate          |

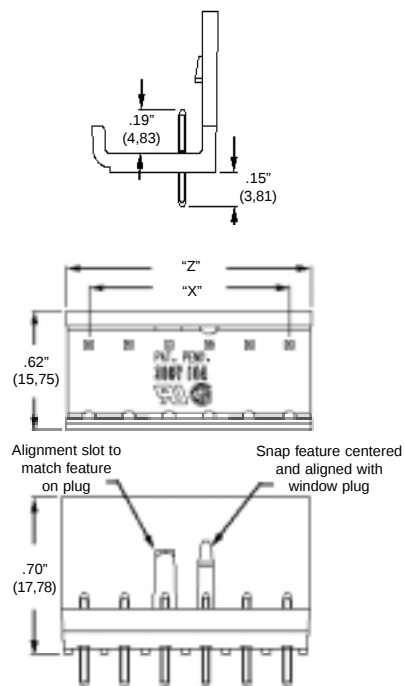
### OPTIONS

|      |                                |
|------|--------------------------------|
| -G30 | 30 μ in. gold plated terminals |
|------|--------------------------------|

### HOW TO ORDER

|        |   |       |   |              |   |                 |   |   |
|--------|---|-------|---|--------------|---|-----------------|---|---|
| 9      | 9 | X     | X | X            | X | -               | X | X |
| SERIES |   | STYLE |   | NO. OF POLES |   | OPTIONS         |   |   |
|        |   | 15    |   | 2 to 18      |   | (Dash#'s above) |   |   |

## Style 15



| Part   | X    |      | Z    |      |
|--------|------|------|------|------|
| Number | in   | mm   | in   | mm   |
| 991502 | .20  | 5,1  | .42  | 10,9 |
| 991503 | .39  | 9,9  | .61  | 15,5 |
| 991504 | .59  | 15,0 | .81  | 20,6 |
| 991505 | .79  | 20,1 | 1.01 | 25,7 |
| 991506 | .99  | 25,1 | 1.21 | 30,7 |
| 991507 | 1.18 | 30,0 | 1.40 | 35,6 |
| 991508 | 1.38 | 35,1 | 1.60 | 40,6 |
| 991509 | 1.58 | 40,1 | 1.80 | 45,7 |
| 991510 | 1.77 | 45,0 | 2.00 | 50,8 |
| 991511 | 1.97 | 50,0 | 2.19 | 55,6 |
| 991512 | 2.17 | 55,1 | 2.39 | 60,7 |
| 991513 | 2.36 | 59,9 | 2.58 | 65,5 |
| 991514 | 2.56 | 65,8 | 2.78 | 70,6 |
| 991515 | 2.76 | 70,1 | 2.98 | 75,7 |
| 991516 | 2.95 | 74,9 | 3.18 | 80,8 |
| 991517 | 3.15 | 80,0 | 3.37 | 85,6 |
| 991518 | 3.35 | 85,1 | 3.57 | 90,7 |