

## SERIES 86

# 5,08mm Eurostyle® Pluggable PCB Header, Closed Ends

### Description

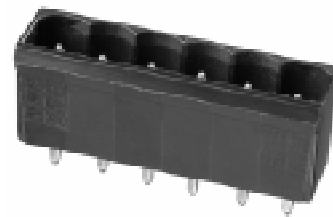
The series 86 Eurostyle® headers on 5,08mm (.200") spacing are polarized using the industry standard design, and are mateable with Beau 86 series plugs, most competitive 5,08mm plugs and our patent pending EuroMate™ plug.

Series 86 headers are available in vertical or horizontal configurations, 2-24 circuits, with and without threaded retention inserts.

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

- **Industry-standard interface.** Series 86 headers are intermateable with competitive 5,08mm pluggable terminal blocks and Beau EuroMate™ pluggable screw terminal blocks. They offer the industry standard polarizing and keying design.
- **High flammability rating.** 94V-0 is the highest available rating for the insulator - better than other leading brands.



### PRODUCT RATINGS

|               |         |                 |
|---------------|---------|-----------------|
| UL            | Class B | 15 Amps @ 300 V |
|               | Class C | 10 Amps @ 300 V |
| CSA           | Class B | 15 Amps @ 300 V |
| VDE 0110 Gr.C |         | 12 Amps @ 250 V |

### APPROVALS

|     |                 |
|-----|-----------------|
| UL  | File No. E48521 |
|     | Guide No. XCFR2 |
| CSA | File No. 025562 |

### TECHNICAL SPECIFICATIONS

#### ELECTRICAL

|     |               |
|-----|---------------|
| DWV | 4500 VDC      |
| IR  | >5000 Megohms |

#### ENVIRONMENTAL

|                |                 |
|----------------|-----------------|
| Operating temp | -55° to +105° C |
|----------------|-----------------|

### MATERIALS,m

|             |                           |
|-------------|---------------------------|
| Insulator   | Nylon 6.6, UL94V-0, black |
| Header pins | Brass, tin plate          |

### OPTIONS

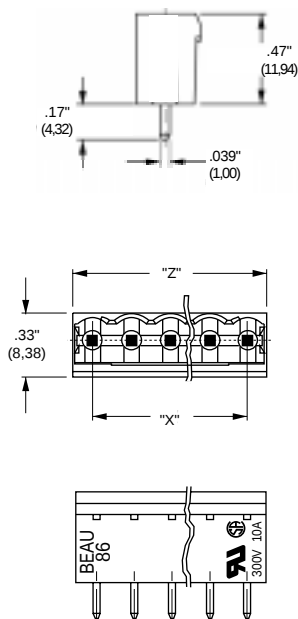
|      |                                |
|------|--------------------------------|
| -10A | Sequential numbering           |
| -G30 | 30 µ in. gold plated terminals |

### HOW TO ORDER

| 8      | 6     | X            | X | X               | X | - | X | X |
|--------|-------|--------------|---|-----------------|---|---|---|---|
| SERIES | STYLE | NO. OF POLES |   | OPTIONS         |   |   |   |   |
|        | 16    |              |   |                 |   |   |   |   |
|        | 19    | 2 to 24      |   | (Dash#'s above) |   |   |   |   |
|        | 29    |              |   |                 |   |   |   |   |

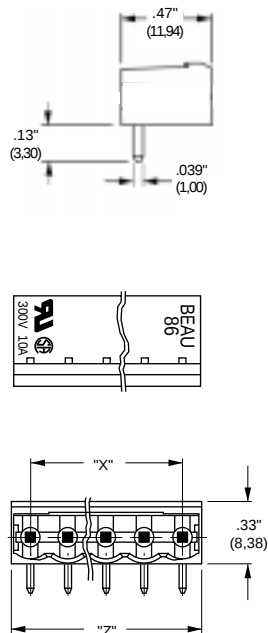
# SERIES 86

Style 16



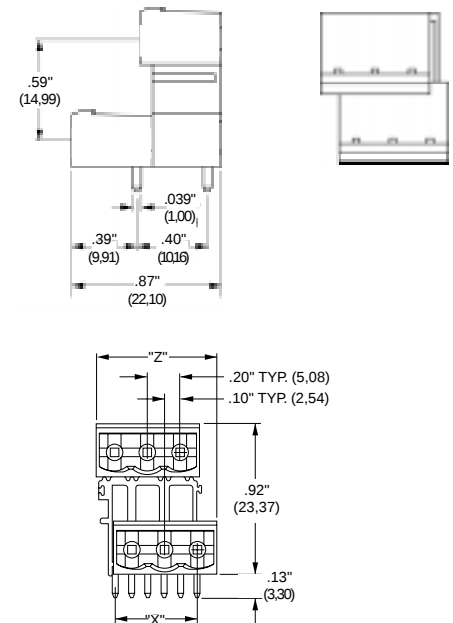
| Part   | X    |       | Z    |       |
|--------|------|-------|------|-------|
| Number | in   | mm    | in   | mm    |
| 861602 | .20  | 5,1   | .45  | 11,4  |
| 861603 | .40  | 10,2  | .65  | 16,5  |
| 861604 | .60  | 15,2  | .85  | 21,6  |
| 861605 | .80  | 20,3  | 1.05 | 26,7  |
|        |      |       |      |       |
| 861606 | 1.00 | 25,4  | 1.25 | 31,8  |
| 861607 | 1.20 | 30,5  | 1.47 | 37,4  |
| 861608 | 1.40 | 35,6  | 1.67 | 42,5  |
| 861609 | 1.60 | 40,6  | 1.87 | 47,6  |
|        |      |       |      |       |
| 861610 | 1.80 | 45,7  | 2.07 | 52,7  |
| 861611 | 2.00 | 50,8  | 2.27 | 57,8  |
| 861612 | 2.20 | 55,9  | 2.47 | 62,8  |
| 861613 | 2.40 | 61,0  | 2.67 | 67,9  |
|        |      |       |      |       |
| 861614 | 2.60 | 66,0  | 2.87 | 73,0  |
| 861615 | 2.80 | 71,1  | 3.07 | 78,1  |
| 861616 | 3.00 | 76,2  | 3.27 | 83,2  |
| 861617 | 3.20 | 81,3  | 3.47 | 88,2  |
|        |      |       |      |       |
| 861618 | 3.40 | 86,4  | 3.67 | 93,3  |
| 861619 | 3.60 | 91,4  | 3.87 | 98,4  |
| 861620 | 3.80 | 96,5  | 4.07 | 103,5 |
| 861621 | 4.00 | 101,6 | 4.27 | 108,6 |
|        |      |       |      |       |
| 861622 | 4.20 | 106,7 | 4.47 | 113,6 |
| 861623 | 4.40 | 111,8 | 4.67 | 118,7 |
| 861624 | 4.60 | 116,8 | 4.87 | 123,8 |

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| Part   | X    |       | Z    |       |
|--------|------|-------|------|-------|
| Number | in   | mm    | in   | mm    |
| 861902 | .20  | 5,1   | .45  | 11,4  |
| 861903 | .40  | 10,2  | .65  | 16,5  |
| 861904 | .60  | 15,2  | .85  | 21,6  |
| 861905 | .80  | 20,3  | 1.05 | 26,7  |
|        |      |       |      |       |
| 861906 | 1.00 | 25,4  | 1.25 | 31,8  |
| 861907 | 1.20 | 30,5  | 1.47 | 37,4  |
| 861908 | 1.40 | 35,6  | 1.67 | 42,5  |
| 861909 | 1.60 | 40,6  | 1.87 | 47,6  |
|        |      |       |      |       |
| 861910 | 1.80 | 45,7  | 2.07 | 52,7  |
| 861911 | 2.00 | 50,8  | 2.27 | 57,8  |
| 861912 | 2.20 | 55,9  | 2.47 | 62,8  |
| 861913 | 2.40 | 61,0  | 2.67 | 67,9  |
|        |      |       |      |       |
| 861914 | 2.60 | 66,0  | 2.87 | 73,0  |
| 861915 | 2.80 | 71,1  | 3.07 | 78,1  |
| 861916 | 3.00 | 76,2  | 3.27 | 83,2  |
| 861917 | 3.20 | 81,3  | 3.47 | 88,2  |
|        |      |       |      |       |
| 861918 | 3.40 | 86,4  | 3.67 | 93,3  |
| 861919 | 3.60 | 91,4  | 3.87 | 98,4  |
| 861920 | 3.80 | 96,5  | 4.07 | 103,5 |
| 861921 | 4.00 | 101,6 | 4.27 | 108,6 |
|        |      |       |      |       |
| 861922 | 4.20 | 106,7 | 4.47 | 113,6 |
| 861923 | 4.40 | 111,8 | 4.67 | 118,7 |
| 861924 | 4.60 | 116,8 | 4.87 | 123,8 |

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| Part   | X    |      | Z    |      |
|--------|------|------|------|------|
| Number | in   | mm   | in   | mm   |
| 862904 | .30  | 7,6  | .59  | 15,0 |
| 862906 | .50  | 12,7 | .79  | 10,1 |
| 862908 | .70  | 17,8 | .99  | 25,1 |
| 862910 | .90  | 22,9 | 1.19 | 30,2 |
|        |      |      |      |      |
| 862912 | 1.10 | 27,9 | 1.39 | 35,3 |
| 862914 | 1.30 | 33,0 | 1.57 | 39,9 |
| 862916 | 1.50 | 38,1 | 1.77 | 44,9 |
| 862918 | 1.70 | 43,2 | 1.97 | 50,0 |
|        |      |      |      |      |
| 862920 | 1.90 | 48,3 | 2.17 | 55,1 |
| 862922 | 2.10 | 53,3 | 2.37 | 60,2 |
| 862924 | 2.30 | 58,4 | 2.57 | 65,3 |