

# Nylon-Insulated Double Crimp Heavy Duty (HD Series) Spade Terminals

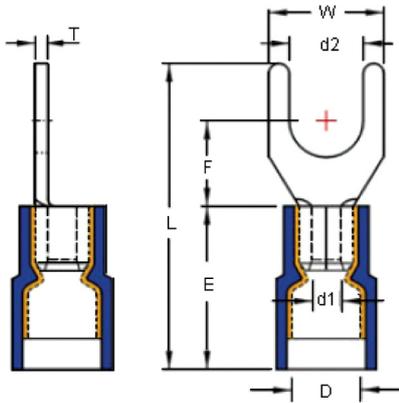


**RoHS  
Compliant**



## Specifications:

|                        |                                |    |    |    |    |    |    |    |
|------------------------|--------------------------------|----|----|----|----|----|----|----|
| Max. Electric Current  | : AWG                          | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
|                        | : Amperes                      | 9  | 12 | 17 | 18 | 30 | 35 | 50 |
| Type                   | : Spade                        |    |    |    |    |    |    |    |
| Termination Method     | : Crimp                        |    |    |    |    |    |    |    |
| Contact Plating        | : Tin                          |    |    |    |    |    |    |    |
| Insulator Material     | : Nylon                        |    |    |    |    |    |    |    |
| Max. Electrical Rating | : 105°C 600V                   |    |    |    |    |    |    |    |
| Insulation Colour      | : Red (22AWG to 16 AWG)        |    |    |    |    |    |    |    |
|                        | : Blue (16AWG to 14 AWG)       |    |    |    |    |    |    |    |
|                        | : Yellow (12AWG to 10 AWG)     |    |    |    |    |    |    |    |
|                        | : With copper sleeve on barrel |    |    |    |    |    |    |    |



Double Crimp

| Dimensions  |             |                |                 |               |                |                |                | Part Number |
|-------------|-------------|----------------|-----------------|---------------|----------------|----------------|----------------|-------------|
| d2          | W           | F              | L               | E             | D              | d1             | T              |             |
| 0.126 (3.2) | 0.224 (5.7) | 0.256<br>(6.5) | 0.866<br>(22)   | 0.433<br>(11) | 0.177<br>(4.5) | 0.067<br>(1.7) | 0.03<br>(0.75) | MC29596     |
|             | 0.224 (5.7) |                |                 |               |                |                |                | MC29604     |
| 0.146 (3.7) | 0.283 (7.2) |                |                 |               |                |                |                | MC29600     |
| 0.169 (4.3) |             |                |                 |               |                |                |                | MC29602     |
| 0.209 (5.3) |             |                |                 |               |                |                |                | MC29605     |
|             | 0.236 (6)   | 0.256<br>(6.5) | 0.866<br>(22)   | 0.433<br>(11) | 0.205<br>(5.2) | 0.091<br>(2.3) | 0.031<br>(0.8) | MC29599     |
| 0.146 (3.7) | 0.283 (7.2) |                |                 |               |                |                |                | MC29601     |
| 0.169 (4.3) |             |                |                 |               |                |                |                | MC29603     |
| 0.209 (5.3) |             |                |                 |               |                |                |                | MC29606     |
|             | 0.311 (7.9) | 0.276<br>(7)   | 1.004<br>(25.5) | 0.512<br>(13) | 0.276<br>(7)   | 0.134<br>(3.4) | 0.039<br>(1)   | MC29597     |
| 0.146 (3.7) | 0.327 (8.3) |                |                 |               |                |                |                | MC29598     |
| 0.209 (5.3) |             |                |                 |               |                |                |                |             |

Dimensions : Inches (Millimetres)



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**Part Number Table**

| Description           | Wire Range AWG mm <sup>2</sup>       | Stud Size | Colour | Part Number |         |
|-----------------------|--------------------------------------|-----------|--------|-------------|---------|
| Crimp Terminal, Spade | 22-16 AWG<br>0.5-1.5 mm <sup>2</sup> | #4        | Red    | MC29596     |         |
|                       |                                      | #6        |        | MC29604     |         |
|                       |                                      | #8        |        | MC29600     |         |
|                       |                                      | #10       |        | MC29602     |         |
|                       | 16-14 AWG<br>1.5-2.5 mm <sup>2</sup> | #6        | Blue   | MC29605     |         |
|                       |                                      | #8        |        | MC29599     |         |
|                       |                                      | #10       |        | MC29601     |         |
|                       |                                      | #10       |        | MC29603     |         |
|                       | 12-10 AWG<br>4-6 mm <sup>2</sup>     | #6        | Yellow | MC29606     |         |
|                       |                                      | #10       |        | MC29597     |         |
|                       |                                      |           |        |             | MC29598 |

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