AS85049/38 Straight Strain Relief Self-Locking or Non-Self-Locking

| CONNECTOR DESIGNATOR: |  |
| :--- | :--- |
| H | MILL-DTL-38999 Series III \& IV <br> EN3645 |

## FOR NEW DESIGN USE AS85049/124



Material and Finish Designator
A = Aluminum, Black Anodize
$N=$ Aluminum, Electroless Nickel S = 300 Series Steel, Passivated W = Aluminum, 500 Hour Cadmium Olive Drab over Electroless Nickel



Note: Screw orientation shown is for non-self-locking configuration. Screws on self-locking configurations are on the same side/face of the clamp.

| Shell Size | Shell Size Ref. | A Thread Class 2B | $\varnothing$ E MaxSelf-Locking Only |  | F Max <br> Self-Locking Only |  | $\begin{gathered} \mathbf{H} \\ \text { Max } \end{gathered}$ |  | Cable Entry |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  | x |
| 9 | A | M12 X 1-6H | . 858 | (21.8) |  |  | . 91 | (23.1) | . 85 | (21.6) | . 098 | (2.5) | . 234 | (5.9) |
| 11 | B | M15 X 1-6H | . 984 | (25.0) | . 91 | (23.1) | . 90 | (22.9) | . 153 | (3.9) | . 234 | (5.9) |
| 13 | C | M18 X 1 -6H | 1.157 | (29.4) | 1.01 | (25.7) | 1.10 | (27.9) | . 190 | (4.8) | . 328 | (8.3) |
| 15 | D | M22 X $1-6 \mathrm{H}$ | 1.279 | (32.5) | 1.06 | (26.9) | 1.15 | (29.2) | . 260 | (6.6) | . 457 | (11.6) |
| 17 | E | M25 X 1-6H | 1.406 | (35.7) | 1.16 | (29.5) | 1.30 | (33.0) | . 283 | (7.2) | . 614 | (15.6) |
| 19 | F | M28 X 1-6H | 1.516 | (38.5) | 1.41 | (35.8) | 1.50 | (38.1) | . 325 | (8.3) | . 634 | (16.1) |
| 21 | G | M31 X 1-6H | 1.642 | (41.7) | 1.51 | (38.4) | 1.60 | (40.6) | . 343 | (8.7) | . 698 | (17.7) |
| 23 | H | M34 X 1-6H | 1.768 | (44.9) | 1.66 | (42.2) | 1.70 | (43.2) | . 381 | (9.7) | . 823 | (20.9) |
| 25 | J | M37 X 1-6H | 1.889 | (48.0) | 2.76 | (44.7) | 1.80 | (45.7) | . 418 | (10.6) | . 853 | (21.7) |

## APPLICATION NOTES

1. Assembly to be identified with manufacturer's name and part number, space permitting.
2. Cable Entry is defined as the accommodation entry for the wire bundle or cable. Dimensions are not intended for inspection criteria.
3. For complete dimensions, see the applicable Military Specification.
4. Metric dimensions ( mm ) are in parentheses.

Dimensions in inches (millimeters) and are subject to change without notice.
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