## CONNECTOR DESIGNATOR: <br> F <br> MIL-DTL-27599, MIL-DTL-38999 Series I \& II




| TABLE I: Shell Size, Thread and Dimensions |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Shell <br> Size | A Thread <br> Class 2B | $\boldsymbol{\sigma}$ E <br> Max |  | $\boldsymbol{\varnothing}$ F <br> Max |  | G <br> Max |  |  |  |
| $\mathbf{0 8}$ | $.438-28$ UNEF | .274 | $(7.0)$ | .859 | $(21.8)$ | .590 | $(15.0)$ |  |  |
| $\mathbf{1 0}$ | $.562-24$ UNEF | .412 | $(10.5)$ | .984 | $(25.0)$ | .590 | $(15.0)$ |  |  |
| $\mathbf{1 2}$ | $.688-24$ UNEF | .526 | $(13.4)$ | 1.156 | $(29.4)$ | .590 | $(15.0)$ |  |  |
| $\mathbf{1 4}$ | $.813-20$ UNEF | .651 | $(16.5)$ | 1.281 | $(32.5)$ | .590 | $(15.0)$ |  |  |
| $\mathbf{1 6}$ | $.938-20$ UNEF | .776 | $(19.7)$ | 1.406 | $(35.7)$ | .590 | $(15.0)$ |  |  |
| $\mathbf{1 8}$ | $1.063-18$ UNEF | .882 | $(22.4)$ | 1.516 | $(38.5)$ | .590 | $(15.0)$ |  |  |
| $\mathbf{2 0}$ | $1.188-18$ UNEF | 1.006 | $(25.6)$ | 1.641 | $(41.7)$ | .590 | $(15.0)$ |  |  |
| $\mathbf{2 2}$ | $1.313-18$ UNEF | 1.132 | $(28.8)$ | 1.766 | $(44.9)$ | .590 | $(15.0)$ |  |  |
| $\mathbf{2 4}$ | $1.438-18$ UNEF | 1.257 | $(31.9)$ | 1.891 | $(48.0)$ | .590 | $(15.0)$ |  |  |

## APPLICATION NOTES

1. For complete dimensions, see the applicable Military Specification.
2. Metric dimensions (mm) are indicated in parentheses.

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