

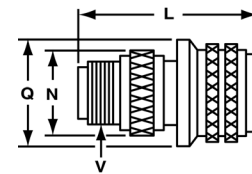
# 97 series solder type plugs with solid shells

## MS3106A

| Connector Size | L Max.  |       | N Ref. |       | Q Max.  |       | V Fitting Threads |
|----------------|---------|-------|--------|-------|---------|-------|-------------------|
|                | Inch    | mm    | Inch   | mm    | Inch    | mm    |                   |
| 8S             | 1-1/4   | 31.75 | 17/32  | 13.49 | 3/4     | 19.05 | 1/2-28            |
| 10S            | 1-5/16  | 33.32 | 5/8    | 15.88 | 7/8     | 22.23 | 1/2-28            |
| 10SL           | 1-3/8   | 34.93 | 3/4    | 19.05 | 7/8     | 22.23 | 5/8-24            |
| 12S            | 1-7/16  | 36.50 | 25/32  | 19.84 | 1       | 25.40 | 5/8-24            |
| 12             | 1-7/8   | 47.63 | 25/32  | 19.84 | 1       | 25.40 | 5/8-24            |
| 12SL           | 1-31/64 | 37.69 | 7/8    | 22.23 | 1       | 25.40 | 3/4-20            |
| 14S            | 1-15/32 | 37.13 | 7/8    | 22.23 | 1-1/8   | 28.58 | 3/4-20            |
| 14             | 1-7/8   | 47.47 | 7/8    | 22.23 | 1-1/8   | 28.58 | 3/4-20            |
| 16S            | 1-15/32 | 37.13 | 1      | 25.40 | 1-1/4   | 31.75 | 7/8-20            |
| 16             | 1-7/8   | 47.47 | 1      | 25.40 | 1-1/4   | 31.75 | 7/8-20            |
| 18             | 1-31/32 | 49.88 | 1-1/8  | 28.57 | 1-11/32 | 34.11 | 1 -20             |
| 20             | 1-7/8   | 47.50 | 1-1/4  | 31.75 | 1-15/32 | 37.29 | 1-3/16-18         |
| 22             | 1-31/32 | 49.88 | 1-3/8  | 34.93 | 1-19/32 | 40.46 | 1-3/16-18         |
| 24             | 2-1/4   | 57.15 | 1-1/2  | 38.10 | 1-23/32 | 43.64 | 1-7/16-18         |
| 28             | 2-1/4   | 57.15 | 1-3/4  | 44.45 | 1-31/32 | 49.99 | 1-7/16-18         |
| 32             | 2-3/8   | 60.33 | 2-1/32 | 51.59 | 2-7/32  | 56.34 | 1-3/4-18          |
| 36             | 2-3/8   | 60.33 | 2-1/4  | 57.15 | 2-15/32 | 62.69 | 2 -18             |

### MS3106A straight plug

Sturdy, simple to assemble. Coupling ring machined from solid aluminum bar stock for high tensile strength. Mates with all types of MS receptacles. Front shell includes polarizing keyway. Back shell is threaded for standard MS/AN fittings.

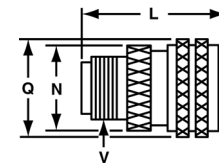


## MS3107A

| Connector Size | L Max.  |       | N Ref. |       | Q Max.  |       | V Fitting Threads |
|----------------|---------|-------|--------|-------|---------|-------|-------------------|
|                | Inch    | mm    | Inch   | mm    | Inch    | mm    |                   |
| 10S            | 1-5/16  | 33.32 | 5/8    | 15.88 | 7/8     | 22.23 | 1/2-28            |
| 10SL           | 1-3/8   | 34.92 | 3/4    | 19.05 | 7/8     | 22.23 | 5/8-24            |
| 12S            | 1-7/16  | 36.50 | 25/32  | 19.84 | 1       | 25.40 | 5/8-24            |
| 12             | 1-7/8   | 47.63 | 25/32  | 19.84 | 1       | 25.40 | 5/8-24            |
| 14S            | 1-15/32 | 37.13 | 7/8    | 22.23 | 1-1/8   | 38.58 | 3/4-20            |
| 14             | 1-7/8   | 47.47 | 7/8    | 22.23 | 1-1/8   | 28.58 | 3/4-20            |
| 16S            | 1-15/32 | 37.13 | 1      | 25.40 | 1-1/4   | 31.75 | 7/8-20            |
| 16             | 1-7/8   | 47.47 | 1      | 25.40 | 1-1/4   | 31.75 | 7/8-20            |
| 18             | 1-31/32 | 49.88 | 1-1/8  | 28.58 | 1-11/32 | 34.11 | 1 -20             |
| 20             | 1-7/8   | 47.50 | 1-1/4  | 31.75 | 1-15/32 | 37.29 | 1-3/16-18         |
| 22             | 1-31/32 | 49.88 | 1-3/8  | 34.93 | 1-19/32 | 40.46 | 1-3/16-18         |
| 24             | 2-1/4   | 57.15 | 1-1/2  | 38.10 | 1-23/32 | 43.64 | 1-7/16-18         |
| 28             | 2-1/4   | 57.15 | 1-3/4  | 44.45 | 1-31/32 | 49.99 | 1-7/16-18         |

### MS3107A quick-disconnect plug

For fast connect/disconnect applications. Front shell has polarizing keyway. Mates with all types of MS receptacles. Back shell is threaded for standard MS/AN fittings.



## MS3108A

| Connector Size | L Ref.  |       | Q Max.  |       | U Ref. |       | V Fitting Threads | Y Ref. |       |
|----------------|---------|-------|---------|-------|--------|-------|-------------------|--------|-------|
|                | Inch    | mm    | Inch    | mm    | Inch   | mm    |                   | Inch   | mm    |
| 10S            | 1-1/4   | 31.75 | 7/8     | 22.23 | 7/8    | 22.23 | 1/2-28            | 25/32  | 19.84 |
| 10SL           | 1-5/16  | 33.32 | 7/8     | 22.23 | 1      | 25.40 | 5/8-24            | 1-1/16 | 26.97 |
| 12S            | 1-3/8   | 34.93 | 1       | 25.40 | 1      | 25.40 | 5/8-24            | 1-1/16 | 26.97 |
| 12SL           | 1-3/8   | 34.93 | 1       | 25.40 | 1      | 25.40 | 3/4-20            | 1-1/16 | 26.97 |
| 12             | 1-13/64 | 30.56 | 1       | 25.40 | 1      | 25.40 | 5/8-24            | 1-1/16 | 26.97 |
| 14S            | 1-3/8   | 34.93 | 1-1/8   | 28.58 | 1      | 25.40 | 3/4-20            | 1-1/16 | 26.97 |
| 14             | 1-13/16 | 46.02 | 1-1/8   | 28.58 | 1      | 25.40 | 3/4-20            | 1-1/16 | 26.97 |
| 16S            | 1-1/2   | 38.10 | 1-1/4   | 31.75 | 1-1/8  | 28.58 | 7/8-20            | 1-5/16 | 33.32 |
| 16             | 1-15/16 | 49.20 | 1-1/4   | 31.75 | 1-1/8  | 28.58 | 7/8-20            | 1-5/16 | 33.32 |
| 18             | 1-15/16 | 49.20 | 1-11/32 | 34.11 | 1-1/8  | 28.58 | 1 -20             | 1-5/16 | 33.32 |
| 20             | 2-1/16  | 52.37 | 1-15/32 | 37.29 | 1-5/16 | 33.32 | 1-3/16-18         | 1-5/8  | 42.28 |
| 22             | 2-1/16  | 52.37 | 1-19/32 | 40.46 | 1-5/16 | 33.32 | 1-3/16-18         | 1-5/8  | 42.28 |
| 24             | 2-15/32 | 62.69 | 1-23/32 | 43.64 | 1-1/2  | 38.10 | 1-7/16-18         | 2      | 50.80 |
| 28             | 2-15/32 | 62.69 | 1-31/32 | 49.99 | 1-1/2  | 38.10 | 1-7/16-18         | 2      | 50.80 |

### MS3108A angle plug

For use where space in front of panel or wall is at a premium. Swivel ring and plate combination allow cable take off at any angle relative to front shell polarizing key. Back shell is threaded for standard MS/AN fittings.

