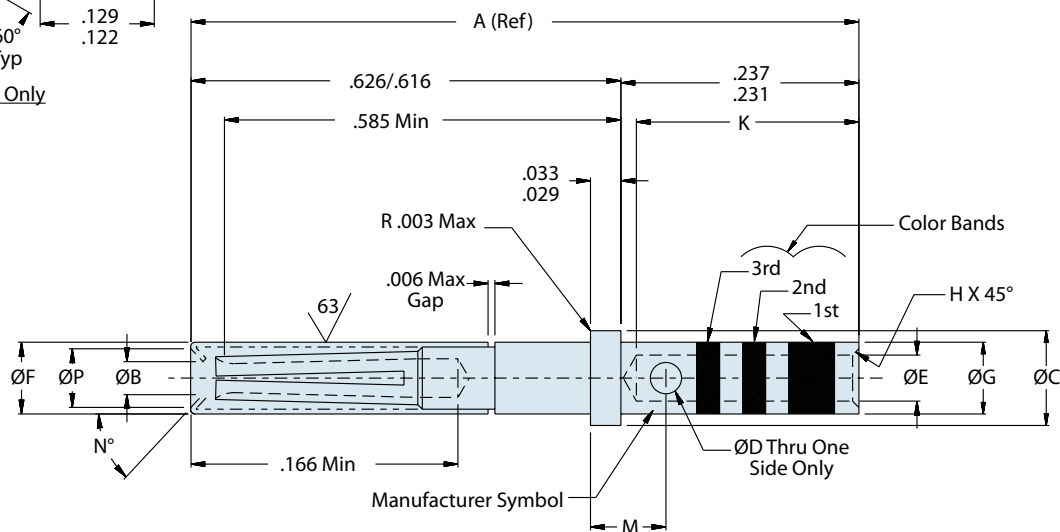
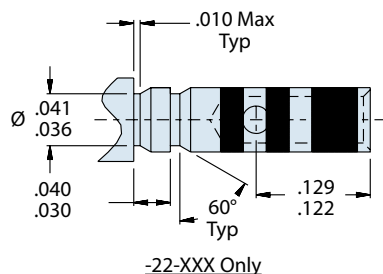


**Thermocouple Socket Contact to Fit D38999 Series I, III and IV Connectors**



| Mating End Size | Wire Accomodation | Military Part Number | Glenair Part Number |
|-----------------|-------------------|----------------------|---------------------|
| 22              | 22-28 AWG         | M39029/88-482        | 850-024-22-482      |
| 22              | 22-28 AWG         | M39029/88-483        | 850-024-22-483      |
| 22              | 22-28 AWG         | M39029/88-484        | 850-024-22-484      |
| 22              | 22-28 AWG         | M39029/88-485        | 850-024-22-485      |
| 20              | 20-24 AWG         | M39029/88-486        | 850-024-20-486      |
| 20              | 20-24 AWG         | M39029/88-487        | 850-024-20-487      |
| 20              | 20-24 AWG         | M39029/88-488        | 850-024-20-488      |
| 20              | 20-24 AWG         | M39029/88-489        | 850-024-20-489      |
| 16              | 16-20 AWG         | M39029/88-490        | 850-024-16-490      |
| 16              | 16-20 AWG         | M39029/88-491        | 850-024-16-491      |
| 16              | 16-20 AWG         | M39029/88-492        | 850-024-16-492      |
| 16              | 16-20 AWG         | M39029/88-493        | 850-024-16-493      |



**850-024**  
**AS39029/88 Type**  
**Thermocouple Socket Contact**



Special  
Purpose

**TABLE I: CONTACT DIMENSIONS**

| Size | Military Number | Glenair Part Number | A (ref) | ø B          | ø C          | ø D          | ø E            | ø F Max | ø G          | ø H          |
|------|-----------------|---------------------|---------|--------------|--------------|--------------|----------------|---------|--------------|--------------|
| 22   | M39029/88-482   | 850-024-22-482      | .855    | .031<br>Min  | .062<br>.060 | .022<br>.018 | .0355<br>.0335 | .062    | .048<br>.046 | .005<br>.003 |
|      | M39029/88-483   | 850-024-22-483      |         |              |              |              |                |         |              |              |
|      | M39029/88-484   | 850-024-22-484      |         |              |              |              |                |         |              |              |
|      | M39029/88-485   | 850-024-22-485      |         |              |              |              |                |         |              |              |
| 20   | M39029/88-486   | 850-024-20-486      | .855    | .044<br>.042 | .094<br>.091 | .032<br>.026 | .048<br>.046   | .078    | .070<br>.068 | .010<br>.005 |
|      | M39029/88-487   | 850-024-20-487      |         |              |              |              |                |         |              |              |
|      | M39029/88-488   | 850-024-20-488      |         |              |              |              |                |         |              |              |
|      | M39029/88-489   | 850-024-20-489      |         |              |              |              |                |         |              |              |
| 16   | M39029/88-490   | 850-024-16-490      | .855    | .064<br>Min  | .130<br>.127 | .042<br>.036 | .068<br>.066   | .113    | .103<br>.101 | .010<br>.005 |
|      | M39029/88-491   | 850-024-16-491      |         |              |              |              |                |         |              |              |
|      | M39029/88-492   | 850-024-16-492      |         |              |              |              |                |         |              |              |
|      | M39029/88-493   | 850-024-16-493      |         |              |              |              |                |         |              |              |

**TABLE I (Continued): CONTACT DIMENSIONS**

| Size | Military Number | Glenair Part Number | K            | M            | Color Bands |       |        | Material   | Plating        |
|------|-----------------|---------------------|--------------|--------------|-------------|-------|--------|------------|----------------|
|      |                 |                     |              |              | 1st         | 2nd   | 3rd    |            |                |
| 22   | M39029/88-482   | 850-024-22-482      | .141<br>Min  | -            | Yellow      | Gray  | Red    | Constantan | None           |
|      | M39029/88-483   | 850-024-22-483      |              |              | Yellow      | Gray  | Orange | Alumel     | None           |
|      | M39029/88-484   | 850-024-22-484      |              |              | Yellow      | Gray  | Yellow | Chromel    | None           |
|      | M39029/88-485   | 850-024-22-485      |              |              | Yellow      | Gray  | Green  | Iron       | Cadmium Plate* |
| 20   | M39029/88-486   | 850-024-20-486      | .229<br>.209 | .078<br>.072 | Yellow      | Gray  | Blue   | Constantan | None           |
|      | M39029/88-487   | 850-024-20-487      |              |              | Yellow      | Gray  | Violet | Alumel     | None           |
|      | M39029/88-488   | 850-024-20-488      |              |              | Yellow      | Gray  | Gray   | Chromel    | None           |
|      | M39029/88-489   | 850-024-20-489      |              |              | Yellow      | Gray  | White  | Iron       | Cadmium Plate* |
| 16   | M39029/88-490   | 850-024-16-490      | .229<br>.209 | .088<br>.082 | Yellow      | White | Black  | Constantan | None           |
|      | M39029/88-491   | 850-024-16-491      |              |              | Yellow      | White | Brown  | Alumel     | None           |
|      | M39029/88-492   | 850-024-16-492      |              |              | Yellow      | White | Red    | Chromel    | None           |
|      | M39029/88-493   | 850-024-16-493      |              |              | Yellow      | White | Orange | Iron       | Cadmium Plate* |

\*Chromate Clear Coat.

**TABLE II: TOOL COMPATIBILITY**

| Size | Military Number | Glenair Part Number | AWG Handling | Crimp Tool                                | Positioner                                         | Insertion Tool              | Extraction Tool             |
|------|-----------------|---------------------|--------------|-------------------------------------------|----------------------------------------------------|-----------------------------|-----------------------------|
| 22   | M39029/88-482   | 850-024-22-482      | 22, 24, 26   | M22520/2-01<br>M22520/7-01                | M22520/2-07<br>M22520//7-05                        | M81969/14-01<br>M81969/8-01 | M81969/14-01<br>M81969/8-02 |
|      | M39029/88-483   | 850-024-22-483      |              |                                           |                                                    |                             |                             |
|      | M39029/88-484   | 850-024-22-484      |              |                                           |                                                    |                             |                             |
|      | M39029/88-485   | 850-024-22-485      |              |                                           |                                                    |                             |                             |
| 20   | M39029/88-486   | 850-024-20-486      | 20, 22, 24   | M22520/7-01<br>M22520/2-01<br>M22520/1-01 | M22520/7-08<br>M22520/2-10<br>M22520/1-04<br>(Red) | M81969/8-05<br>M81969/14-02 | M81969/8-06<br>M81969/14-02 |
|      | M39029/88-487   | 850-024-20-487      |              |                                           |                                                    |                             |                             |
|      | M39029/88-488   | 850-024-20-488      |              |                                           |                                                    |                             |                             |
|      | M39029/88-489   | 850-024-20-489      |              |                                           |                                                    |                             |                             |
| 16   | M39029/88-490   | 850-024-16-490      | 16, 18, 20   | M22520/1-01<br>M22520/7-01                | M22520/1-04<br>(Blue)<br>M22520/7-04               | M81969/8-07<br>M81969/14-03 | M81969/8-08<br>M81969/14-03 |
|      | M39029/88-491   | 850-024-16-491      |              |                                           |                                                    |                             |                             |
|      | M39029/88-492   | 850-024-16-492      |              |                                           |                                                    |                             |                             |
|      | M39029/88-493   | 850-024-16-493      |              |                                           |                                                    |                             |                             |

# Mouser Electronics

Authorized Distributor

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Glenair:

|                                      |                                      |                                      |                                      |                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| <a href="#"><u>M39029/88-482</u></a> | <a href="#"><u>M39029/88-492</u></a> | <a href="#"><u>M39029/88-485</u></a> | <a href="#"><u>M39029/88-489</u></a> | <a href="#"><u>M39029/88-491</u></a> | <a href="#"><u>M39029/88-488</u></a> | <a href="#"><u>M39029/88-490</u></a> |
| <a href="#"><u>M39029/88-487</u></a> | <a href="#"><u>M39029/88-484</u></a> | <a href="#"><u>M39029/88-486</u></a> | <a href="#"><u>M39029/88-483</u></a> | <a href="#"><u>M39029/88-493</u></a> |                                      |                                      |