



- 1. TIN PER MIL-T-10727 OR TIN LEAD 0.00254 [.000100] MIN THK.
- 2. GOLD PER MIL-G-45204, TYPE II, 0.00076 [.000030] MIN THK OVER NICKEL PER QQ-N-290 0.00028 [.000011] MIN THK ON CONTACT AREA.
- 3. GOLD FLASH PER MIL-G-45204, TYPE II, 0.13 $\mu$ m [.000005] MIN THK. OVER NICKEL PLATE PER QQ-N-290 0.51 $\mu$ m-1.52 $\mu$ m [.000020-.000060] EXT THK.
- 4. RECOMMENDED HOLE SIZE, PLATED OR UNPLATED:  
 MACHINE INSERTION:  $1.32^{+0.03}_{-0.05}$  [.052  $^{+.001}_{-.002}$ ]  
 HAND INSERTION:  $1.32^{+0.10}_{-0.00}$  [.052  $^{+.004}_{-.000}$ ]
- 5. APPLICATION TOOL PART NUMBER:  
 MACHINE NO. 682127-3  
 INSERTION HEAD NO. 682039-2
- 6. TO INSURE PROPER SPRING TENSION DO NOT EXCEED A 0.10 [.004] DIFFERENCE IN PIN DIA WHEN CHANGING TO A SMALLER PIN.
- 7. BOTTOM PLUG KNOCKOUT TOOL PART NUMBER 69729 WITH TIP PART NUMBER 69728.
- 8. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

|             |          |                       |                       |        |         |         |
|-------------|----------|-----------------------|-----------------------|--------|---------|---------|
| 8           | OBSOLETE | CLOSED                | 0.36-0.66 [.014-.026] | TIN 1  | TIN 1   | 50863-8 |
|             | OBSOLETE | KNOCKOUT              |                       | TIN 1  | TIN 1   | 50863-7 |
|             | OBSOLETE | OPEN                  |                       | TIN 1  | TIN 1   | 50863-6 |
|             | OBSOLETE | OPEN                  |                       | GOLD 3 | GOLD 2  | 50863-5 |
|             | OBSOLETE | CLOSED                |                       | TIN 1  | GOLD 2  | 50863-4 |
|             | OBSOLETE | KNOCKOUT              |                       | TIN 1  | GOLD 2  | 50863-3 |
|             | OBSOLETE | OPEN                  |                       | GOLD 3 | GOLD 2  | 50863-1 |
|             | OBSOLETE | OPEN                  |                       | GOLD 3 | GOLD 2  | 50863   |
| BOTTOM TYPE |          | RECOMMENDED PIN DIA 6 | EYELET                | SPRING | PART NO |         |

THIS DRAWING IS A CONTROLLED DOCUMENT.

|      |              |         |
|------|--------------|---------|
| DWN  | R. TALLEY    | 4-8-91  |
| CHK  | S. ROBERTSON | 8-22-91 |
| APVD | R. MILLER    | 8-5-91  |

**STE** TE Connectivity

MINIATURE SPRING SOCKET ASSEMBLY SERIES 2

|        |    |                  |       |            |         |               |     |    |
|--------|----|------------------|-------|------------|---------|---------------|-----|----|
| SIZE   | A2 | CAGE CODE        | 00779 | DRAWING NO | G-50863 | RESTRICTED TO | -   |    |
| WEIGHT | -  | CUSTOMER DRAWING | SCALE | 20:1       | SHEET   | 1 OF 1        | REV | Z4 |

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