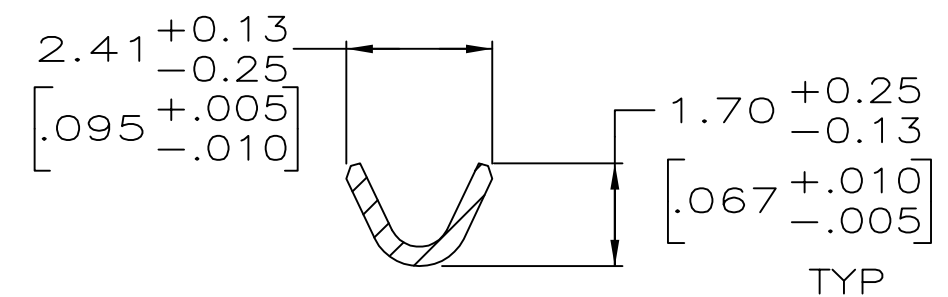
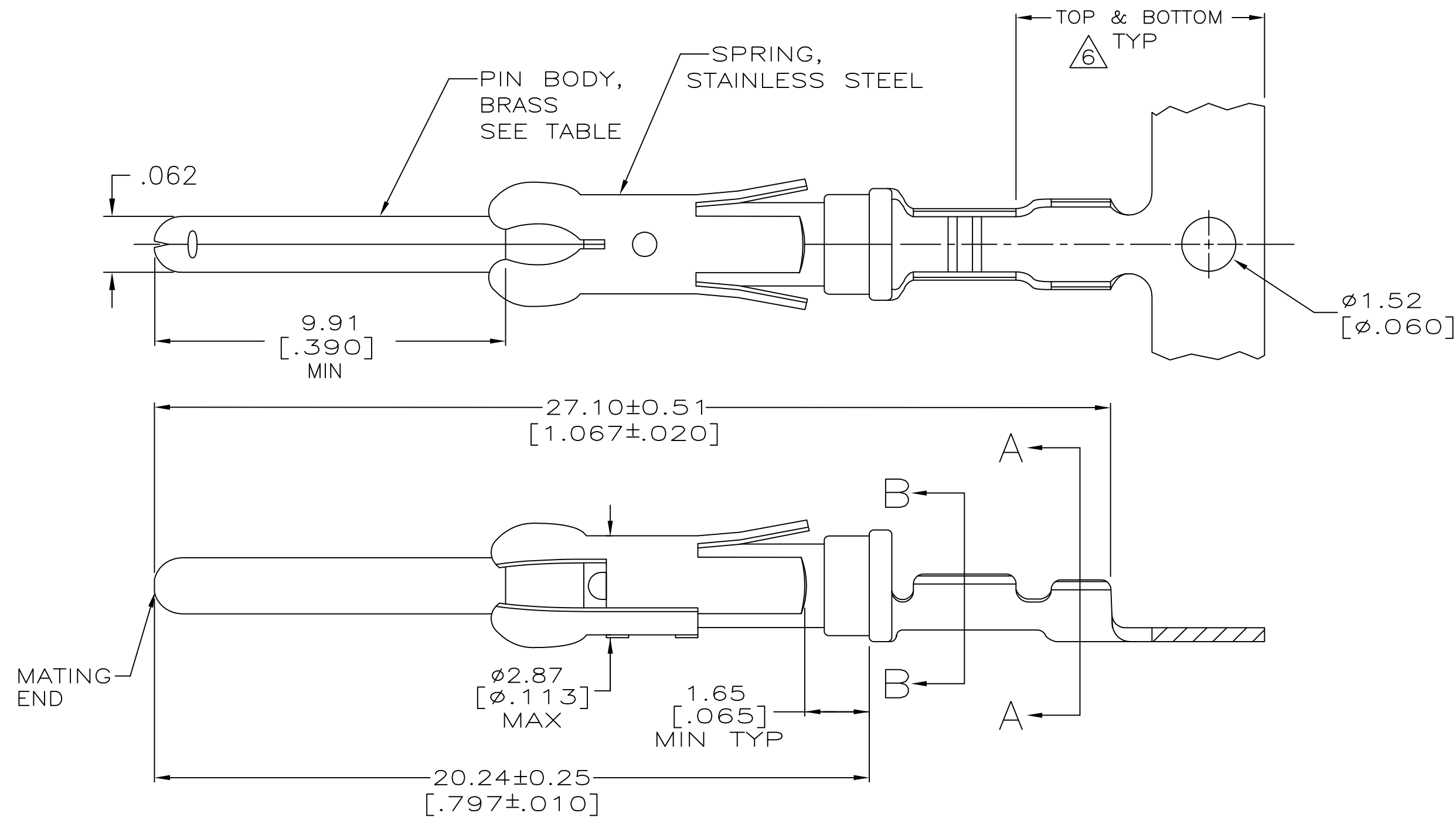
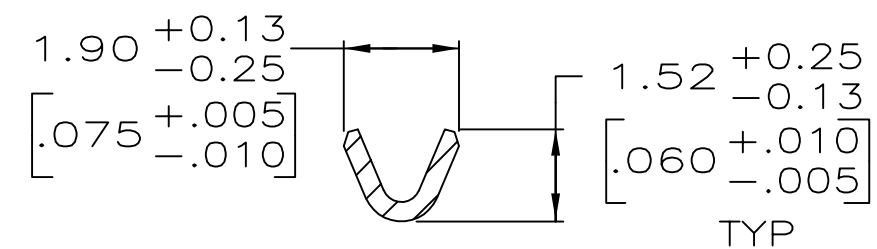


| REVISIONS |     |                           |           |     |      |
|-----------|-----|---------------------------|-----------|-----|------|
| P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
|           | AH  | REVISED PER ECO-12-012316 | 05JUL12   | KH  | MZ   |
|           | AJ  | REVISED PER ECO-16-017885 | 06OCT2017 | RS  | MZ   |



SECTION A-A



SECTION B-B

1. REVERSE REELED FOR MINI-APPLICATOR.

2.  $0.76\mu\text{m}$  [.000030] MIN PRECIOUS METAL PLATE ON MATING END FOR A LENGTH OF 5.08 [.200] MIN WITH  $1.27\mu\text{m}$  [.000050] MIN MATTE TIN PLATE IN WIRE CRIMP AREA, BOTH OVER  $1.27\mu\text{m}$  [.000050] MIN NICKEL PLATE. CONFORMS TO THE REQUIREMENTS OF TE CONNECTIVITY PRODUCT SPEC 108-10042, BASED ON EIA/ECA-364-1000.01A ( CONTROLLED ENVIRONMENT APPLICATIONS ).

3.  $0.76\mu\text{m}$  [.000030] MIN PRECIOUS METAL PLATE ON MATING END FOR A LENGTH OF 5.08 [.200] MIN WITH A UNIFORM GRADIENT TO  $0.25\mu\text{m}$  [.000010] ON REMAINDER, OVER  $1.27\mu\text{m}$  [.000050] MIN NICKEL PLATE. GOLD FLASH ALL OVER. CONFORMS TO THE REQUIREMENTS OF TE CONNECTIVITY PRODUCT SPEC 108-10042, BASED ON EIA/ECA-364-1000.01A ( CONTROLLED ENVIRONMENT APPLICATIONS ).

4.  $0.38\mu\text{m}$  [.000015] MIN GOLD PER MIL-G-45204 ON MATING END FOR A LENGTH OF 5.08 [.200] MIN WITH  $1.27\mu\text{m}$  [.000050] MATTE TIN PATE IN WIRE CRIMP AREA, BOTH OVER  $1.27\mu\text{m}$  [.000050] MIN NICKEL PER QQ-N-290.

5.  $1.27\mu\text{m}$  [.000050] MIN GOLD PER MIL-G-45204 ON MATING END FOR A LENGTH OF 5.08 [.200] MIN WITH GOLD FLASH ON THE REMAINDER OVER  $1.90\mu\text{m}$  [.000075] MIN NICKEL PER QQ-N-290.

6. GOLD PLATING NEED NOT APPEAR IN THIS AREA EXCEPT 1-66106-2 REQUIRES GOLD PLATING ON INSULATION BARREL.

7.  $1.27\mu\text{m}$  [.000050] MIN TIN-LEAD PER MIL-T-10727 OVER  $1.27\mu\text{m}$  [.000050] MIN NICKEL PER QQ-N-290.

8. WIRE RANGE 26-24 AWG.

9. INSULATION RANGE 0.89[.035]-1.40[.055] DIA.

10.  $0.38\mu\text{m}$  [.000015] MIN GOLD PER MIL-G-45204 ON MATING END FOR A LENGTH OF 5.08 [.200] MIN,  $1.27\mu\text{m}$  [.000050] MIN TIN-LEAD PER MIL-T-10727 FOR A LENGTH OF 5.69 [.224] MIN ON OPPOSITE END, BOTH OVER  $1.27\mu\text{m}$  [.000050] MIN NICKEL PER QQ-N-290 ON ENTIRE CONTACT.

11.  $1.27\mu\text{m}$  [.000050] MIN TIN PER MIL-T-10727 OVER  $1.27\mu\text{m}$  [.000050] MIN NICKEL PER QQ-N-290.

12.  $0.38\mu\text{m}$  [.000015] MIN GOLD PER MIL-G-45204 ON MATING END FOR A LENGTH OF 5.08 [.200] MIN  $1.27\mu\text{m}$  [.000050] MIN TIN PER MIL-T-10727 FOR A LENGTH OF 5.69 [.224] MIN ON OPPOSITE END. BOTH OVER  $1.27\mu\text{m}$  [.000050] MIN NICKEL PER QQ-N-290 ON ENTIRE CONTACT.

-  OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

|    |          |          |                    |                    |           |
|----|----------|----------|--------------------|--------------------|-----------|
| 13 | OBSOLETE | 1        | 12                 | —                  | 1—66106—7 |
|    | OBSOLETE | STANDARD | 11                 | 1—66107—1          | 1—66106—6 |
|    |          | 1        | 11                 | 1—66107—1          | 1—66106—5 |
|    | OBSOLETE | 1        | 10                 | 66107—8            | 1—66106—4 |
|    | OBSOLETE | 1        | 5                  | 66107—7            | 1—66106—2 |
|    |          | 1        | 2                  | 66107—4            | 66106—8   |
|    |          | 1        | 4                  | 66107—3            | 66106—7   |
|    | OBSOLETE | 1        | 7                  | 66107—2            | 66106—6   |
|    |          | 1        | 3                  | 66107—1            | 66106—5   |
|    |          | STANDARD | 2                  | 66107—4            | 66106—4   |
|    |          | STANDARD | 4                  | 66107—3            | 66106—3   |
|    |          | STANDARD | 7                  | 66107—2            | 66106—2   |
|    | OBSOLETE | STANDARD | 3                  | 66107—1            | 66106—1   |
|    |          | REELIING | P/N BODY<br>FINISH | LOOSE PIECE<br>REF | PART NO   |

|                                                                                       |  |                                                                                                                                  |  |                                                                                                       |  |
|---------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN 7-17-91<br>R. SHIREY<br>CHK 8-15-91<br>R. STONE<br>APVD 8-19-91<br>J. WESTMAN<br>PRODUCT SPEC<br>—<br>APPLICATION SPEC<br>—  |  |  TE Connectivity |  |
| DIMENSIONS:<br>mm [INCHES]                                                            |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ± —<br>1 PLC ± —<br>2 PLC ± 0.13[.005]<br>3 PLC ± —<br>4 PLC ± —<br>ANGLES ± ± — |  | NAME<br>PIN ASSEMBLY, .062, TYPE III+                                                                 |  |
|  |  | MATERIAL<br>SEE CALLOUTS                                                                                                         |  | FINISH<br>SEE TABLE                                                                                   |  |
|                                                                                       |  | WEIGHT<br>—                                                                                                                      |  | SIZE<br>A2                                                                                            |  |
|                                                                                       |  | CAGE CODE<br>00779                                                                                                               |  | DRAWING NO<br>C-66106                                                                                 |  |
|                                                                                       |  | RESTRICTED TO<br>—                                                                                                               |  |                                                                                                       |  |
| CUSTOMER DRAWING                                                                      |  |                                                                                                                                  |  | SCALE 8:1                                                                                             |  |
|                                                                                       |  |                                                                                                                                  |  | SHEET 1 of 1                                                                                          |  |
|                                                                                       |  |                                                                                                                                  |  | REV Δ.1                                                                                               |  |