

THIS DRAWING IS UNPUBLISHED.

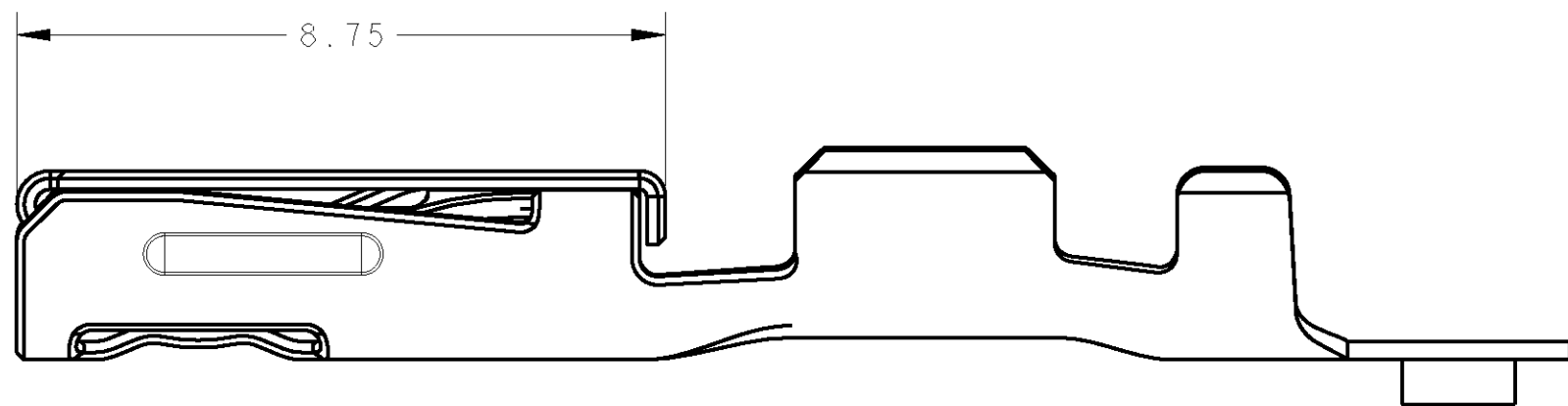
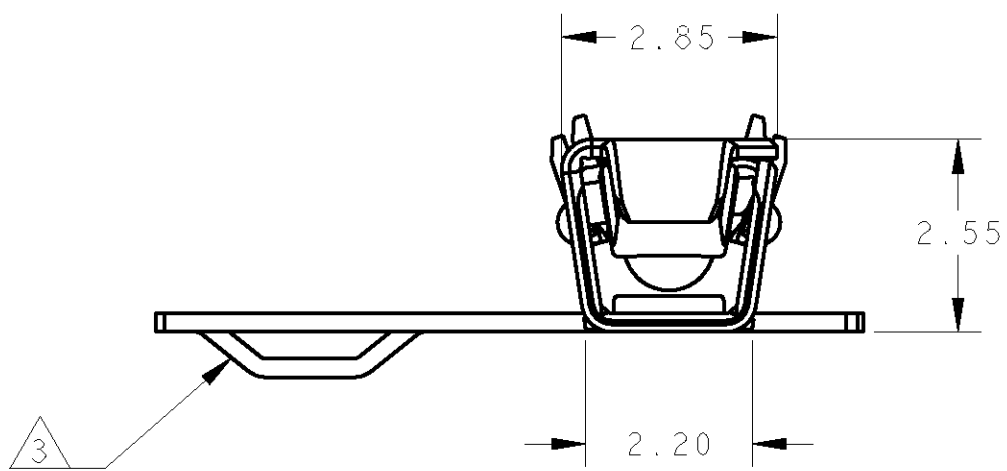
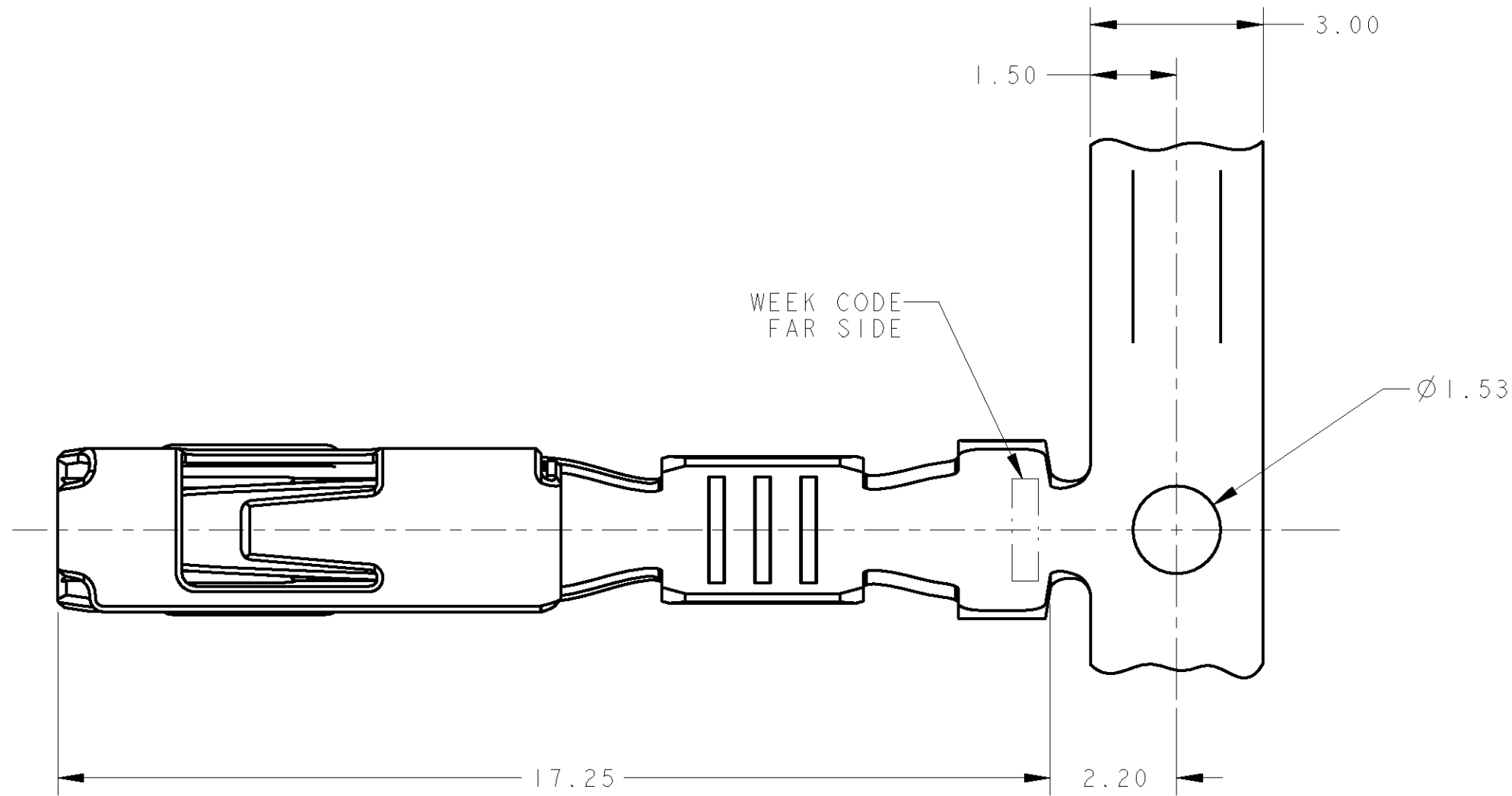
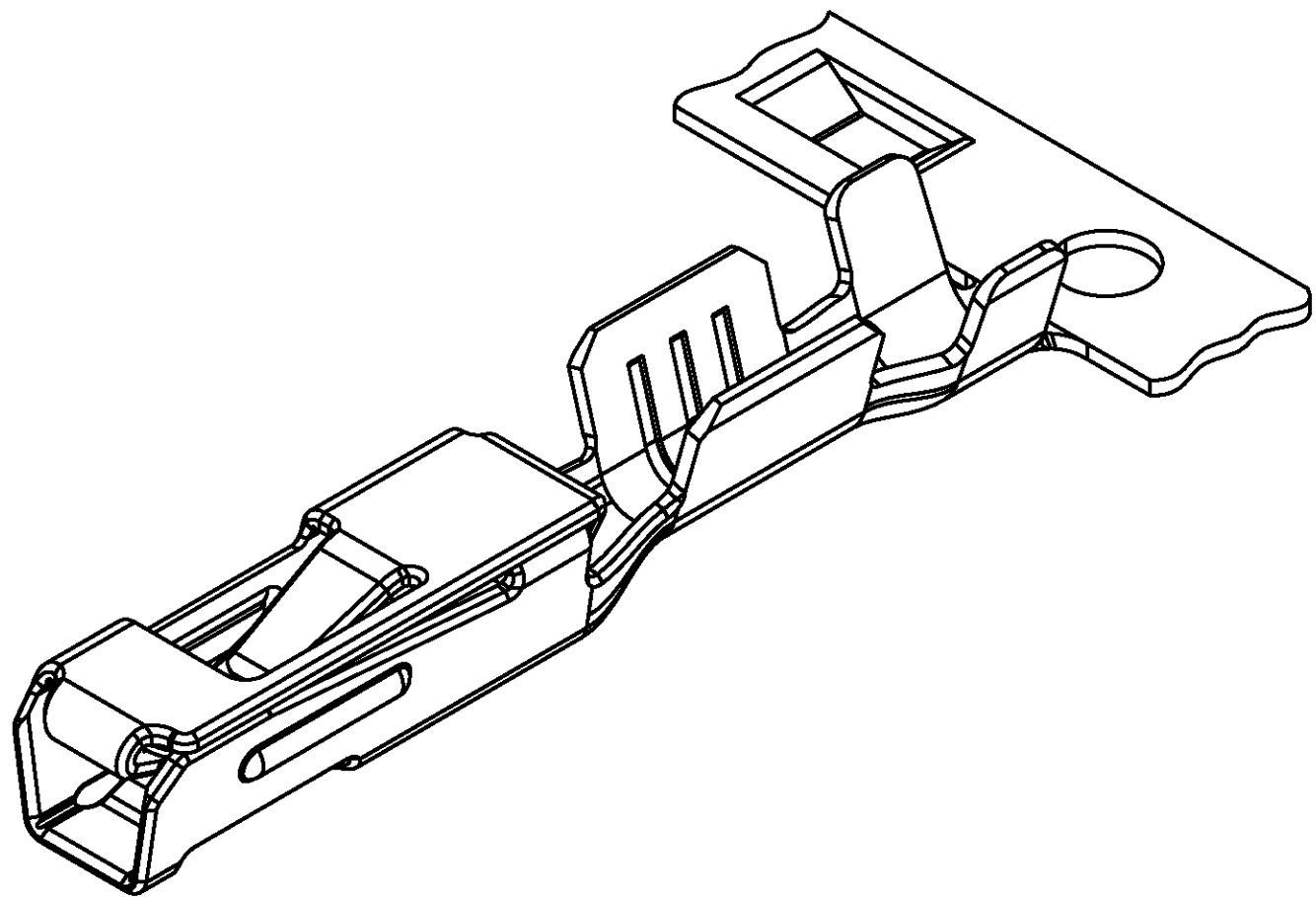
RELEASED FOR PUBLICATION

20

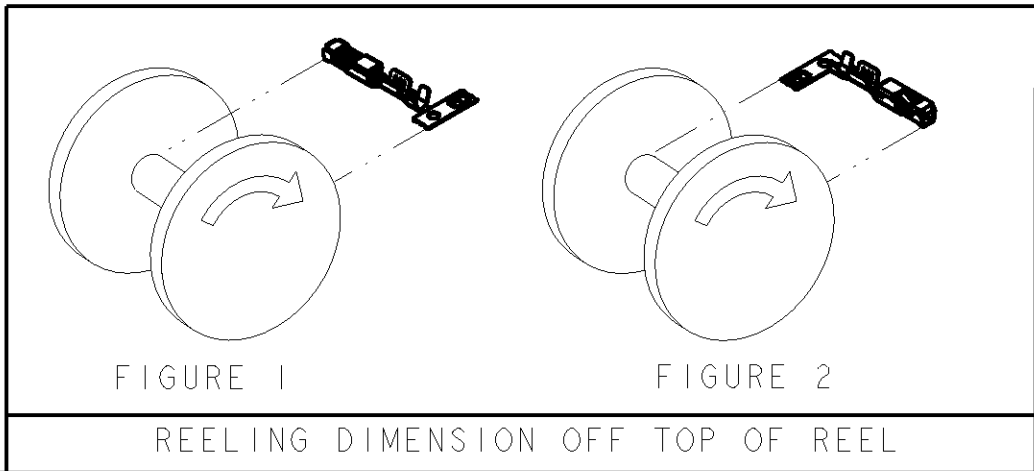
© COPYRIGHT 20

BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

| LOC | DIST | REVISIONS |     |                              |           |          |
|-----|------|-----------|-----|------------------------------|-----------|----------|
| GE  | 00   | P         | LTR | DESCRIPTION                  | DATE      | DWN APVD |
|     |      |           | A   | RELEASED PER EC 0K40-0668-02 | 25JUN2002 | VMK VMK  |
|     |      |           | B   | REV PER EC 0K80-0298-02      | 13DEC2002 | RGV AME  |
|     |      |           | C   | REV PER ECR 07-018498        | 22AUG2007 | RGV DHC  |
|     |      |           |     |                              |           |          |



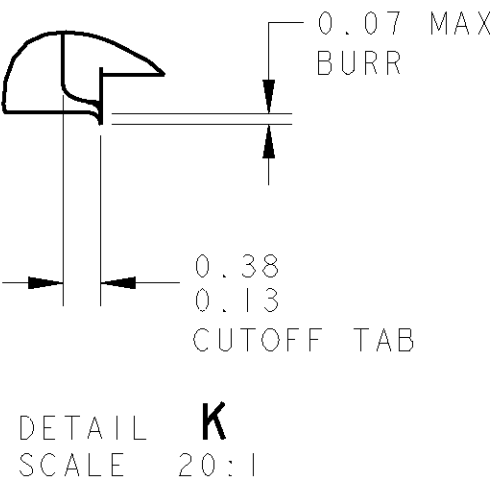
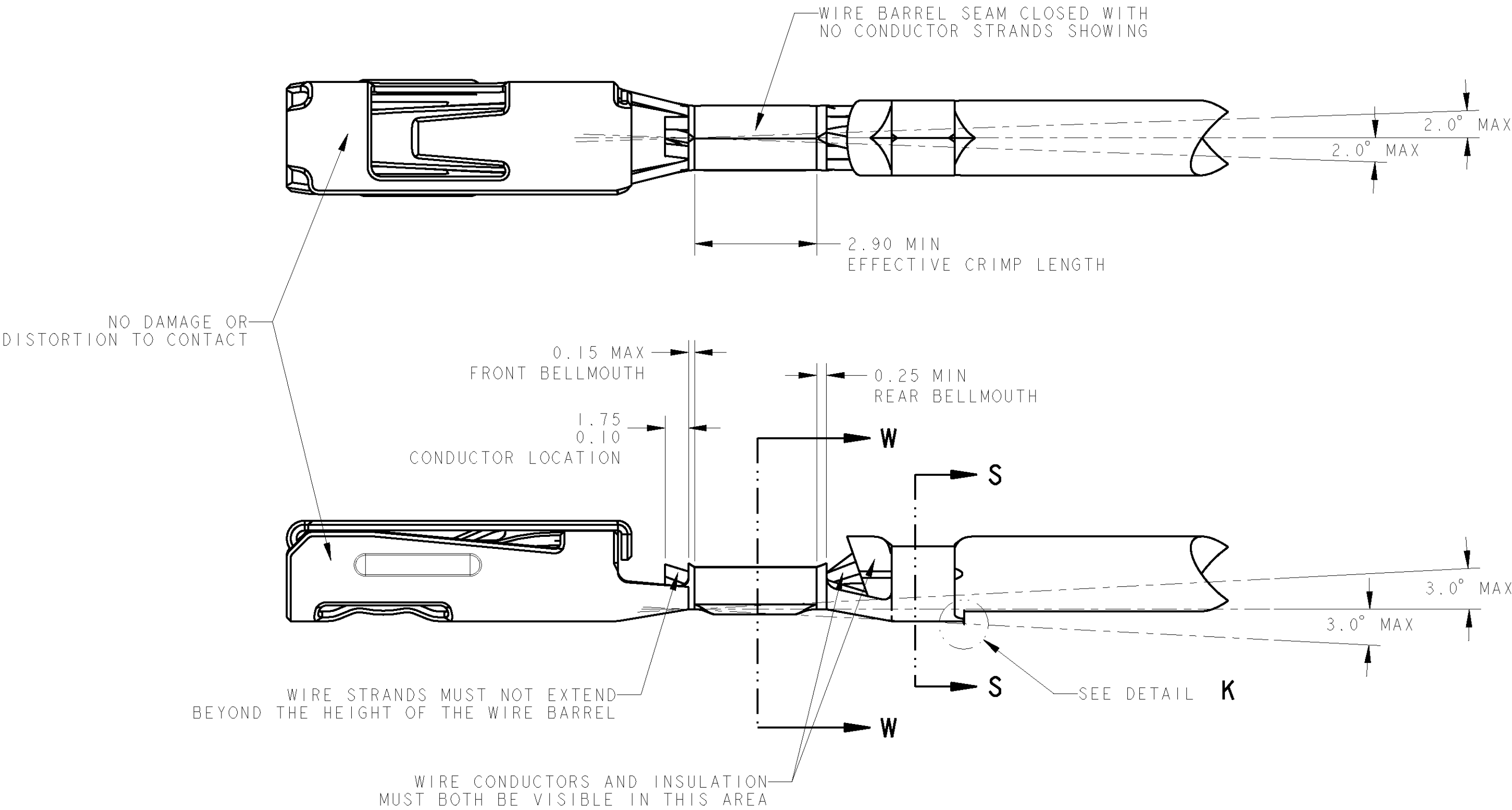
- 1 FINISH: PLATED 0.001 MIN THICK TIN.
2. PART LUBRICATED WITH ANTI-FRETTING LUBRICANT, MSDS 125-6344.
- 3 FEATURE ON CARRIER STRIP IS DEPRESSED ON TIN PLATED PRODUCT. FEATURE APPEARS ADJACENT TO EVERY OTHER CONTACT MIN.
- 4 SEE FIGURE 1 FOR REELING DIRECTION.
- 5 SEE FIGURE 2 FOR REELING DIRECTION.
6. NOTE DELETED.
7. NOTE DELETED.
8. SEE SHEET 2 FOR ADDITIONAL CRIMPING REQUIREMENTS.



|                                                                                                                                                                                           |  |                                                   |                                               |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------|-----------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION. |  | DWN<br>J. R. SHUEY<br>28FEB2000                   | Tyco Electronics<br>Harrisburg, PA 17105-3608 |  |
| DIMENSIONS:<br>mm                                                                                                                                                                         |  | CHK<br>J. M. MYER<br>28FEB2000                    | NAME<br>CONTACT, FEMALE, 1.5mm,<br>TIN PLATED |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ±<br>1 PLC ±<br>2 PLC ±0.20<br>3 PLC ±<br>4 PLC ±<br>ANGLES ±3°<br>FINISH                                                                 |  | APVD<br>K. DENLINGER<br>28FEB2000                 | SIZE<br>A2                                    |  |
| MATERIAL<br>0.25 THICK<br>COPPER ALLOY                                                                                                                                                    |  | PRODUCT SPEC<br>USCAR-2<br>REV 3 DATED APRIL 2001 | CAGE CODE<br>00779                            |  |
|                                                                                                                                                                                           |  | APPLICATION SPEC<br>114-13091                     | DRAWING NO<br>638652                          |  |
|                                                                                                                                                                                           |  | WEIGHT<br>-                                       | RESTRICTED TO<br>-                            |  |
|                                                                                                                                                                                           |  | CUSTOMER DRAWING                                  | SCALE<br>10.1                                 |  |
|                                                                                                                                                                                           |  |                                                   | SHEET<br>1                                    |  |
|                                                                                                                                                                                           |  |                                                   | OF<br>2                                       |  |
|                                                                                                                                                                                           |  |                                                   | REV<br>C                                      |  |

APPLIES TO ALL TERMINALS  
NOTE: ALL DIMENSIONS ARE METRIC (MM)

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-------------|------|-----|------|
| - | -   | SEE SHEET 1 | -    | -   | -    |
|   |     |             |      |     |      |
|   |     |             |      |     |      |
|   |     |             |      |     |      |



| WIRE        |                        |                 | CONTACT         |                |                   |                |
|-------------|------------------------|-----------------|-----------------|----------------|-------------------|----------------|
| SIZE<br>AWG | INSULATION<br>DIAMETER | STRIP<br>LENGTH | WIRE BARREL     |                | INSULATION BARREL |                |
|             |                        |                 | CRIMP<br>HEIGHT | CRIMP<br>WIDTH | CRIMP<br>HEIGHT   | CRIMP<br>WIDTH |
| 20          | 1.40-1.95              | 5.05-6.60       | 1.03±0.05       | 1.753-1.803    | 1.80±0.10         | 2.03±0.05      |
| 18          | 1.60-2.20              |                 | 1.13±0.05       | 1.753-1.803    | 2.00±0.10         | 2.03±0.05      |
| 16          | 1.90-2.40              |                 | 1.36±0.05       | 2.134-2.184    | 2.25±0.10         | 2.54±0.05      |
| 14          | 2.25-2.75              |                 | 1.61±0.05       | 2.134-2.184    | 2.60±0.10         | 2.54±0.05      |

ALL TABLE DIMENSIONS ARE METRIC (mm)

|                                                                                                                                                                                               |  |                                   |                                                           |                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------|-----------------------------------------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION<br>IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION<br>SHOULD BE CONTACTED FOR THE LATEST REVISION |  | DWN<br>J. R. SHUEY<br>28FEB2000   | Tyco Electronics<br>Harrisburg, PA 17105-3608             |                    |
| DIMENSIONS:<br>PER ABOVE                                                                                                                                                                      |  | CHK<br>J. M. MYER<br>28FEB2000    | NAME<br>CONTACT, FEMALE, 1.5mm,<br>TIN PLATED             |                    |
| TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:<br>0 PLC ±<br>1 PLC ±<br>2 PLC ±<br>3 PLC ±<br>4 PLC ±<br>ANGLES ±<br>FINISH                                                                        |  | APVD<br>K. DENLINGER<br>28FEB2000 | PRODUCT SPEC<br>-<br>APPLICATION SPEC<br>-<br>WEIGHT<br>- |                    |
| MATERIAL<br>-                                                                                                                                                                                 |  | CUSTOMER DRAWING                  |                                                           | RESTRICTED TO<br>- |
| SCALE 10:1                                                                                                                                                                                    |  | SHEET 2 OF 2                      |                                                           | REV C              |

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[638652-2](#)