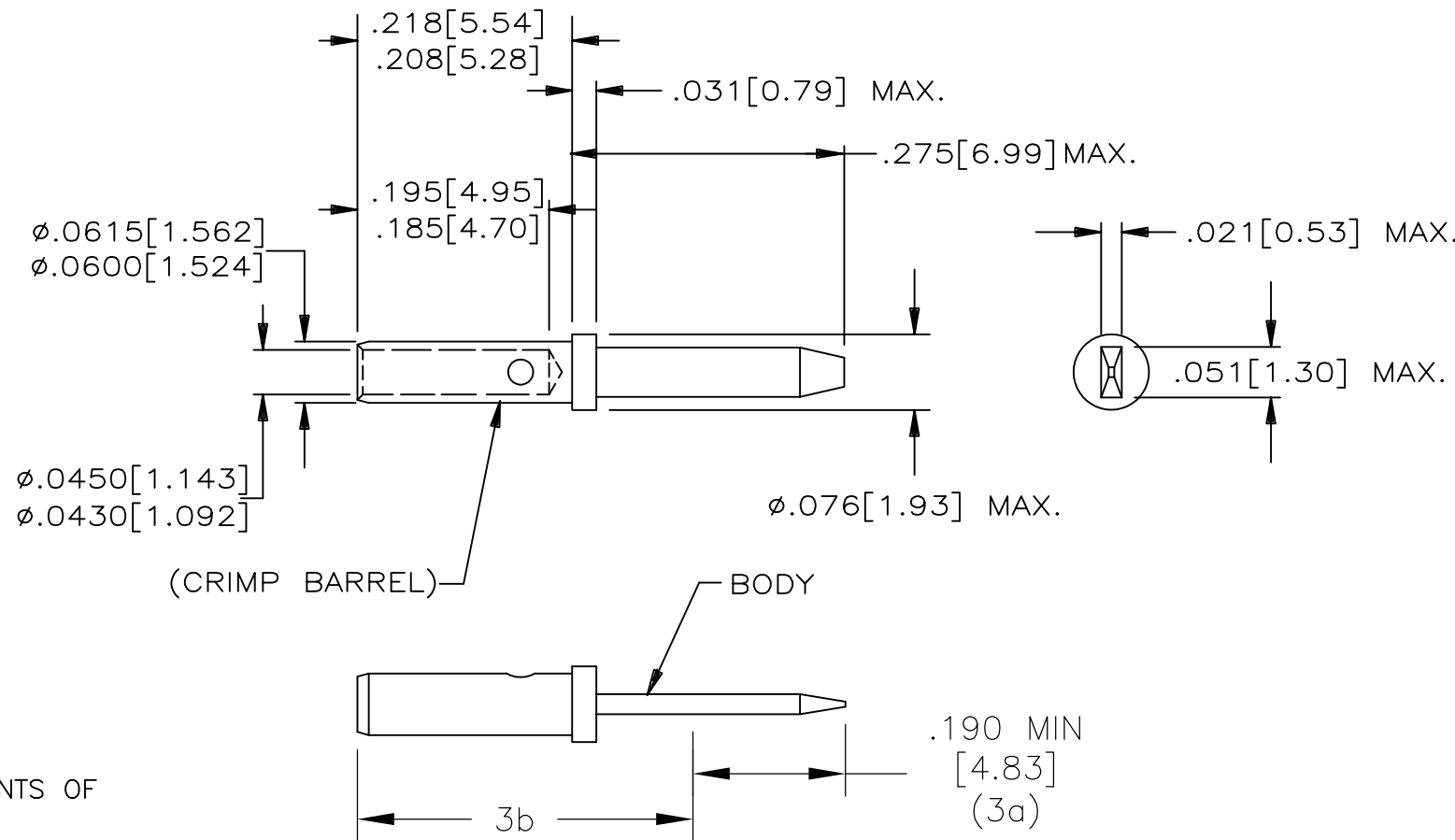


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| LOC | DIST | REVISIONS |     |                       |          |     |      |
|-----|------|-----------|-----|-----------------------|----------|-----|------|
|     |      | P         | LTR | DESCRIPTION           | DATE     | DWN | APVD |
|     |      |           | J   | REV PER ECO 14-015585 | 12-23-14 | CT  | KH   |



- THIS CONTACT IS DESIGNED TO MEET THE APPLICABLE REQUIREMENTS OF RAYCHEM SPECIFICATION C-6114 AND C-6115.
- MATERIAL:  
BODY: COPPER ALLOY CDA C19160 (BOILLAT C97), TESTED PER ASTM B 249.
- FINISH:  
BODY: GOLD PLATE PER ASTM B 488, CLASS 1  
3a: GOLD THICKNESS: 50-100 $\mu\text{in}$   
3b: GOLD THICKNESS: 10 $\mu\text{in}$  MIN
- CRIMP TOOL RECOMMENDATION:  
A: TOOL NUMBER M22520/2-01  
B: POSITIONER NUMBER CE-16-05900
- THIS CONTACT MATES WITH TYCO SOCKET CONTACT NUMBER CTA-0165
- CRIMP BARREL DESIGNED TO ACCOMMODATE A WIRE RANGE OF AWG 20-26
- THESE CONTACTS ARE USED IN TYCO INSERTS MTCP-X22-XXP. SEE DRAWING D-659-0097 FOR INSERT CONFIGURATION.
- RECOMMENDED WIRE STRIP LENGTH: 0.195-0.215 [4.95-5.46].

|  |     |                                |  |              |                    |                          |                    |       |     |       |     |        |     |                   |   |  |  |
|--|-----|--------------------------------|--|--------------|--------------------|--------------------------|--------------------|-------|-----|-------|-----|--------|-----|-------------------|---|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.   |     | DWN<br>C.C.THOMAS<br>23DEC2014 | TE Connectivity  |              |                    |                          |                    |       |     |       |     |        |     |                   |   |  |  |
| DIMENSIONS:<br>INCHES [mm]   |     | CHK<br>K.HOGAN<br>12-23-14     |  |              |                    |                          |                    |       |     |       |     |        |     |                   |   |  |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:   |     | APVD<br>K.HOGAN<br>12-23-14    | NAME<br>CONTACT, PIN, CRIMP,<br>SIZE 22-20, MTC SERIES |              |                    |                          |                    |       |     |       |     |        |     |                   |   |  |  |
| <table border="0"> <tr><td>0 PLC</td><td>± -</td></tr> <tr><td>1 PLC</td><td>± -</td></tr> <tr><td>2 PLC</td><td>± -</td></tr> <tr><td>3 PLC</td><td>± -</td></tr> <tr><td>4 PLC</td><td>± -</td></tr> <tr><td>ANGLES</td><td>± -</td></tr> </table> |     | 0 PLC                          | ± -  | 1 PLC        | ± -                | 2 PLC                    | ± -                | 3 PLC | ± - | 4 PLC | ± - | ANGLES | ± - | PRODUCT SPEC<br>- | - |  |  |
| 0 PLC  | ± - |                                |  |              |                    |                          |                    |       |     |       |     |        |     |                   |   |  |  |
| 1 PLC  | ± - |                                |  |              |                    |                          |                    |       |     |       |     |        |     |                   |   |  |  |
| 2 PLC  | ± - |                                |  |              |                    |                          |                    |       |     |       |     |        |     |                   |   |  |  |
| 3 PLC  | ± - |                                |  |              |                    |                          |                    |       |     |       |     |        |     |                   |   |  |  |
| 4 PLC  | ± - |                                |  |              |                    |                          |                    |       |     |       |     |        |     |                   |   |  |  |
| ANGLES   | ± - |                                |  |              |                    |                          |                    |       |     |       |     |        |     |                   |   |  |  |
| MATERIAL<br>-  |     | FINISH<br>-                    | APPLICATION SPEC<br>-                                  | SIZE<br>A3   | CAGE CODE<br>06090 | DRAWING NO<br>C-CTA-0166 | RESTRICTED TO<br>- |       |     |       |     |        |     |                   |   |  |  |
| CUSTOMER DRAWING   |     |                                | WEIGHT<br>0.092 GR MAX                                 | SCALE<br>NTS | SHEET<br>1 OF 1    | REV<br>J                 |                    |       |     |       |     |        |     |                   |   |  |  |