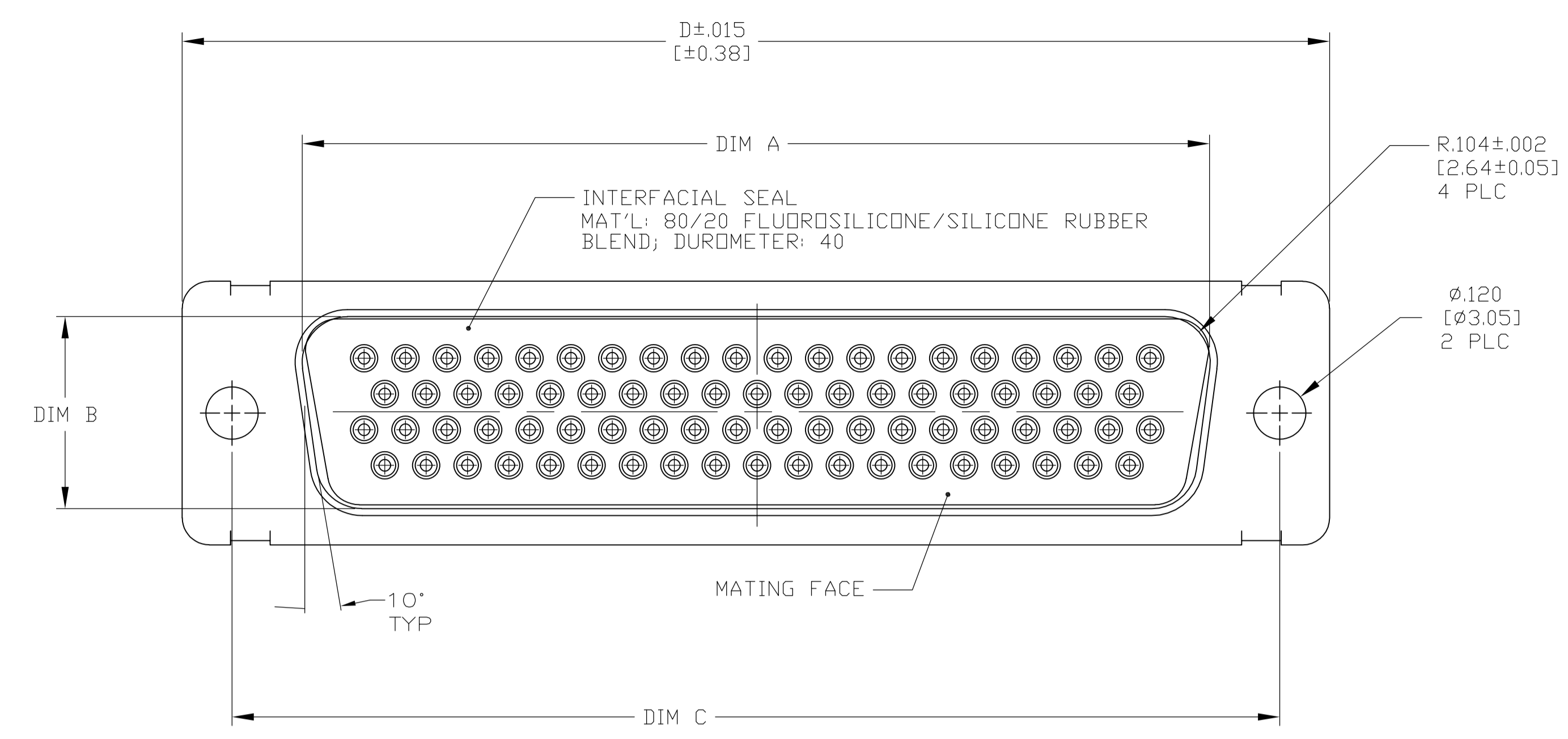


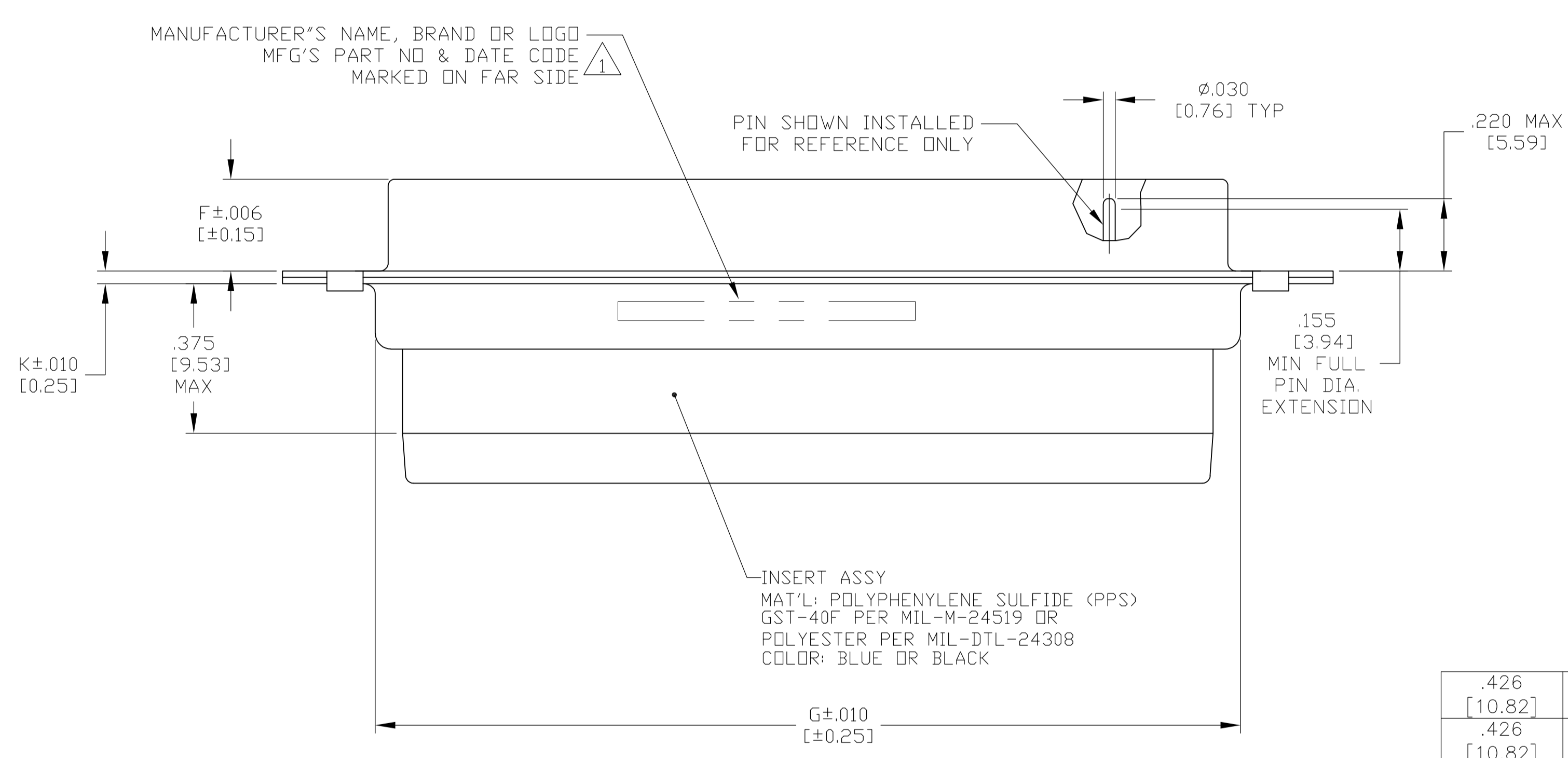
| REVISIONS |             |             |         |     |      |
|-----------|-------------|-------------|---------|-----|------|
| P         | LTR         | DESCRIPTION | DATE    | DMN | APVD |
| D1        | REV PER ECO | 17-011144   | 8-16-17 | CT  | DM   |



- MARKED WITH .047 [1.19] HIGH CHARACTERS. FAR SIDE REFERS TO WIDE SIDE OF KEYSTONE, NEAR SIDE REFERS TO NARROW SIDE OF KEYSTONE.
- THIS ASSEMBLY IS DESIGNED TO CONFORM TO THE LATEST ISSUE OF MIL-DTL-24308.
- MAXIMUM WIRE INSULATION USED WITH THIS CONNECTOR IS .054 [1.37] DIAMETER WITH GROMMET
- METAL RETENTION CLIPS ARE INCLUDED IN INSERTS.
- THIS PLUG WILL MATE WITH ANY RECEPTACLE CONNECTOR WITH THE SAME INSERT ARRANGEMENT.
- CONTACTS ARE PACKAGED SEPARATELY AND SHIPPED WITH CONNECTOR.
- EPOXY IS APPLIED BETWEEN FRONT & REAR SHELLS AND INSERT.
- FOR CONTACT CRIMPING AND CONTACT INSTALLATION AND REMOVAL REFER TO TE I.S. 408-7516.
- INTERFACIAL SEAL IS BONDED TO FRONT INSERT.



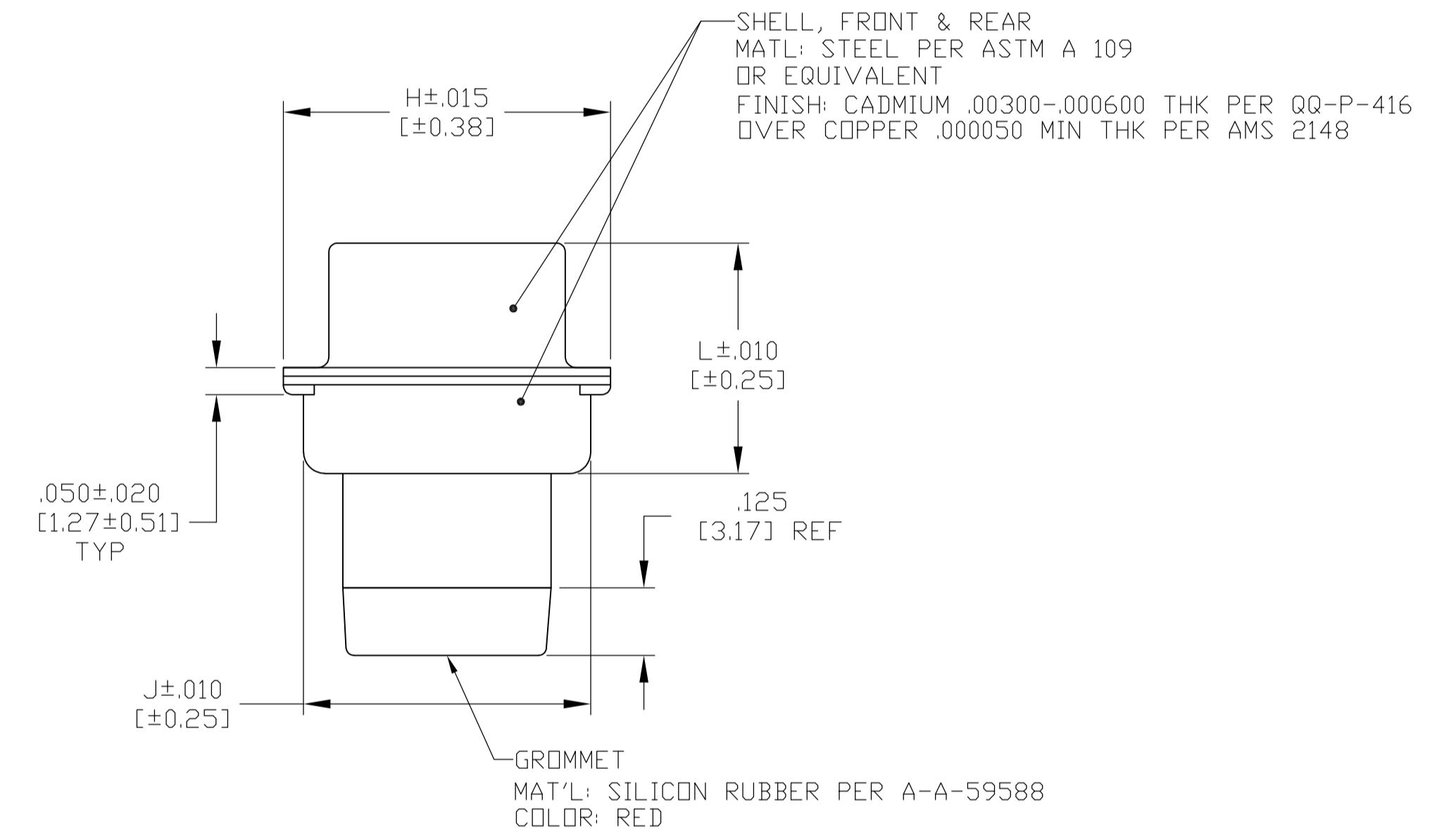
CRIMP PIN CONTACT (QTY= NO. OF POSN.)  
 (SAE-AMS-AS39029/58-360)  
 MAT'L: COPPER ALLOY PER AS 39029  
 FINISH: GOLD PLATED PER MIL-G-45204  
 OVER NICKEL PER QQ-N-290  
 (NOT INSTALLED)  
 (2221860-1 THRU -6 ONLY)  
 (1-2221860-1 THRU -16 CONTACT NOT INCLUDED)



MANUFACTURER'S NAME, BRAND OR LOGO  
 MFG'S PART NO & DATE CODE  
 MARKED ON FAR SIDE

PIN SHOWN INSTALLED  
 FOR REFERENCE ONLY

INSERT ASSY  
 MAT'L: POLYPHENYLENE SULFIDE (PPS)  
 GST-40F PER MIL-M-24519 OR  
 POLYESTER PER MIL-DTL-24308  
 COLOR: BLUE OR BLACK



SHELL, FRONT & REAR  
 MAT'L: STEEL PER ASTM A 109  
 OR EQUIVALENT  
 FINISH: CADMIUM .00300-.000600 THK PER QQ-P-416  
 OVER COPPER .000050 MIN THK PER AMS 2148

|         |        |         |         |         |        |         |         |         |         |                  |             |
|---------|--------|---------|---------|---------|--------|---------|---------|---------|---------|------------------|-------------|
| .426    | .039   | .596    | .668    | 2.302   | .230   | 2.729   | 2.500   | .503    | 2.212   | 104              | 1-2221860-6 |
| [10.82] | [0.99] | [15.14] | [16.97] | [58.47] | [5.84] | [69.32] | [63.50] | [12.78] | [56.18] |                  |             |
| .426    | .039   | .534    | .605    | 2.178   | .230   | 2.635   | 2.406   | .441    | 2.079   | 78               | 1-2221860-5 |
| [10.82] | [0.99] | [13.56] | [15.37] | [55.32] | [5.84] | [66.93] | [61.11] | [11.20] | [52.81] |                  |             |
| .426    | .039   | .422    | .494    | 2.272   | .230   | 2.729   | 2.500   | .329    | 2.182   | 62               | 1-2221860-4 |
| [10.82] | [0.99] | [10.72] | [12.55] | [57.71] | [5.84] | [69.32] | [63.50] | [8.36]  | [55.42] |                  |             |
| .426    | .039   | .422    | .494    | 1.625   | .230   | 2.088   | 1.852   | .329    | 1.534   | 44               | 1-2221860-3 |
| [10.82] | [0.99] | [10.72] | [12.55] | [41.27] | [5.84] | [53.03] | [47.04] | [8.36]  | [39.96] |                  |             |
| .422    | .030   | .422    | .494    | 1.083   | .235   | 1.541   | 1.312   | .329    | .994    | 26               | 1-2221860-2 |
| [10.72] | [0.76] | [10.72] | [12.55] | [27.51] | [5.97] | [39.14] | [33.32] | [8.36]  | [25.25] |                  |             |
| .422    | .030   | .422    | .494    | .759    | .235   | 1.213   | .984    | .329    | .666    | 15               | 1-2221860-1 |
| [10.72] | [0.76] | [10.72] | [12.55] | [19.28] | [5.97] | [30.81] | [24.99] | [8.36]  | [16.92] |                  |             |
| .426    | .039   | .596    | .668    | 2.302   | .230   | 2.729   | 2.500   | .503    | 2.212   | 104              | 2221860-6   |
| [10.82] | [0.99] | [15.14] | [16.97] | [58.47] | [5.84] | [69.32] | [63.50] | [12.78] | [56.18] |                  |             |
| .426    | .039   | .534    | .605    | 2.178   | .230   | 2.635   | 2.406   | .441    | 2.079   | 78               | 2221860-5   |
| [10.82] | [0.99] | [13.56] | [15.37] | [55.32] | [5.84] | [66.93] | [61.11] | [11.20] | [52.81] |                  |             |
| .426    | .039   | .422    | .494    | 2.272   | .230   | 2.729   | 2.500   | .329    | 2.182   | 62               | 2221860-4   |
| [10.82] | [0.99] | [10.72] | [12.55] | [57.71] | [5.84] | [69.32] | [63.50] | [8.36]  | [55.42] |                  |             |
| .426    | .039   | .422    | .494    | 1.625   | .230   | 2.088   | 1.852   | .329    | 1.534   | 44               | 2221860-3   |
| [10.82] | [0.99] | [10.72] | [12.55] | [41.27] | [5.84] | [53.03] | [47.04] | [8.36]  | [39.96] |                  |             |
| .422    | .030   | .422    | .494    | 1.083   | .235   | 1.541   | 1.312   | .329    | .994    | 26               | 2221860-2   |
| [10.72] | [0.76] | [10.72] | [12.55] | [27.51] | [5.97] | [39.14] | [33.32] | [8.36]  | [25.25] |                  |             |
| .422    | .030   | .422    | .494    | .759    | .235   | 1.213   | .984    | .329    | .666    | 15               | 2221860-1   |
| [10.72] | [0.76] | [10.72] | [12.55] | [19.28] | [5.97] | [30.81] | [24.99] | [8.36]  | [16.92] |                  |             |
| DIM L   | DIM K  | DIM J   | DIM H   | DIM G   | DIM F  | DIM D   | DIM C   | DIM B   | DIM A   | NO. OF POSITIONS | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

|                       |  |                         |   |
|-----------------------|--|-------------------------|---|
| DIMENSIONS: INCHES    | TOLERANCES UNLESS OTHERWISE SPECIFIED: | DIN C.C.THOMAS 10-14-14 | TE Connectivity                         |
| 0 PLC ± -             | 1 PLC ± -                              | 10-14-14                |   |
| 2 PLC ± -             | 3 PLC ± .005 [0.13]                    |                         |   |
| 4 PLC ± -             | ANGLES ± 1°                            |                         |   |
| MATERIAL SEE CALLOUTS | FINISH SEE CALLOUTS                    | WEIGHT 0.000000         | SIZE CAGE CODE DRAWING NO RESTRICTED TO |
|                       |  | A1 00779                | 00779 C=2221860                         |
|                       |  | CUSTOMER DRAWING        | SCALE 4:1 SHEET 1 OF 1 REV D1           |

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[550T001NF1R3K0G](#) [550T001NF1R4K0L](#) [550T001NF2R2K0L](#)