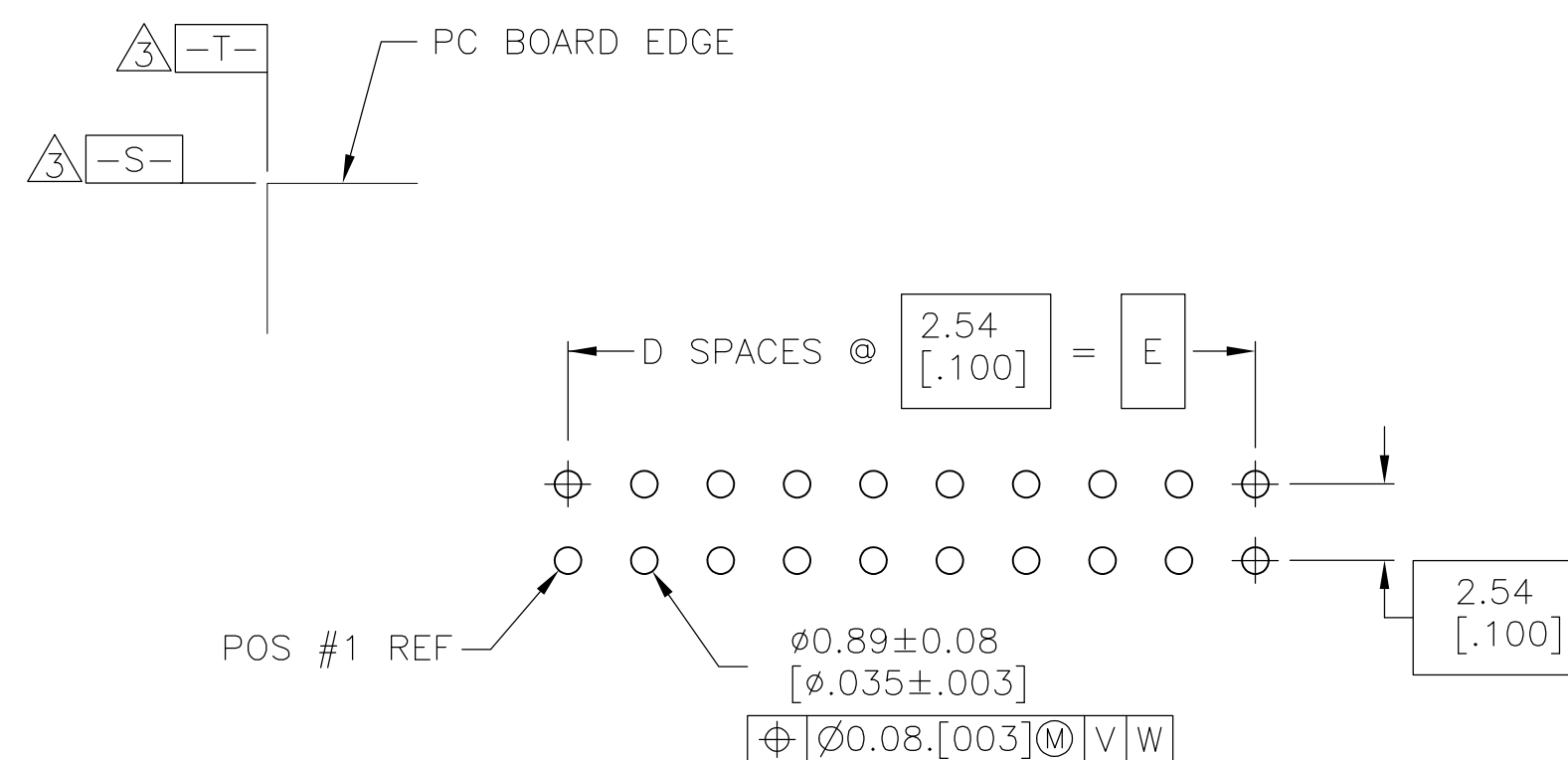
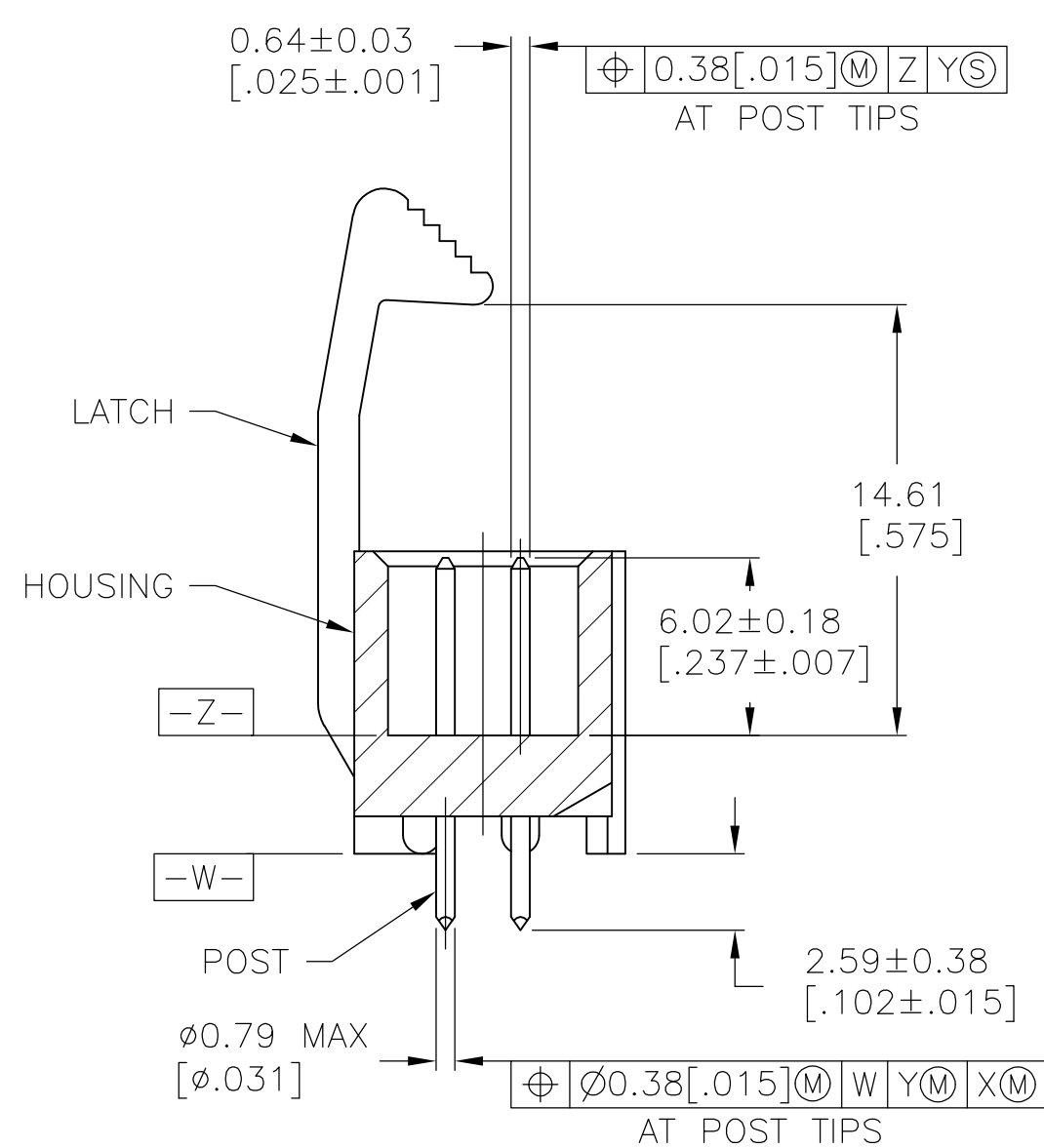
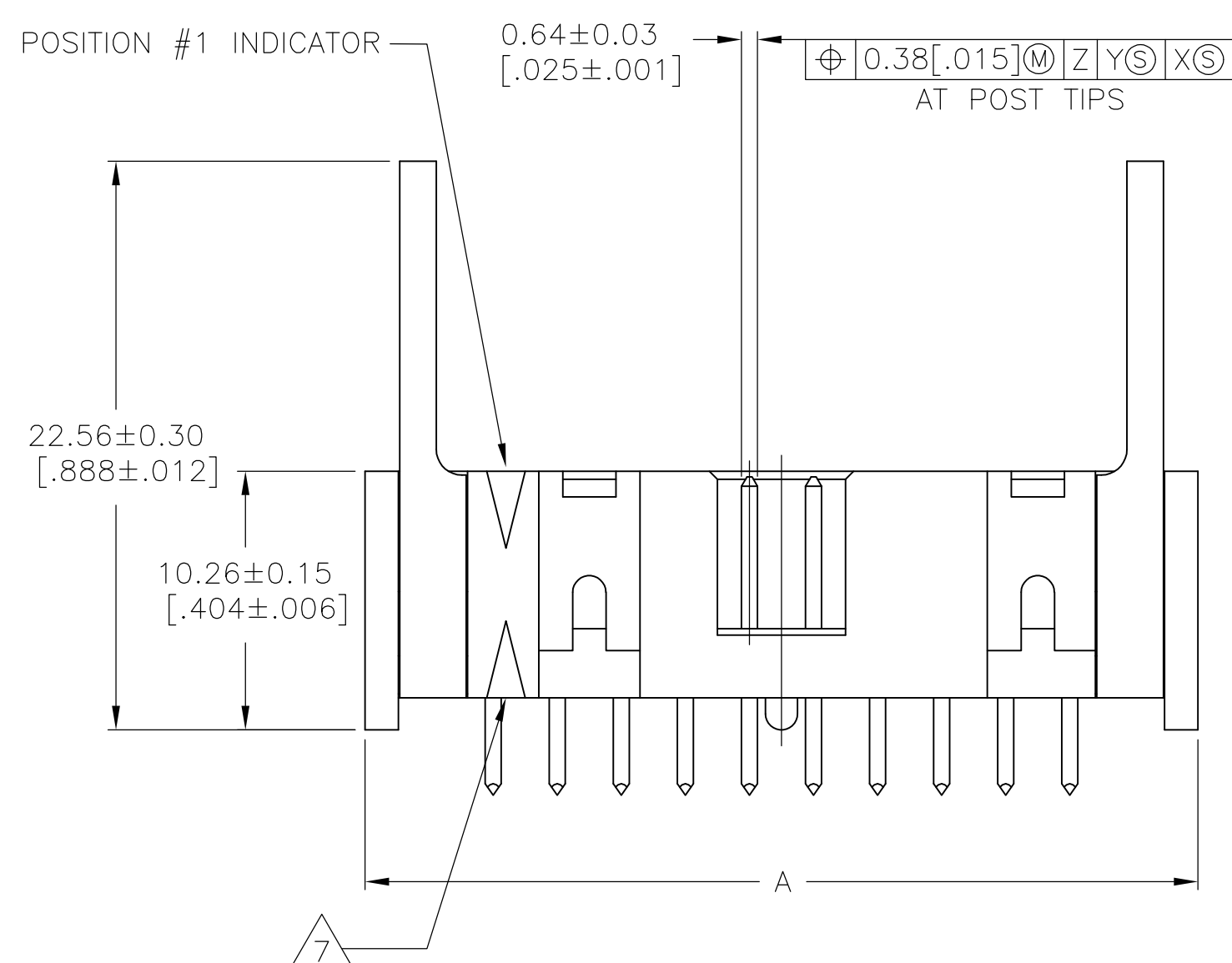
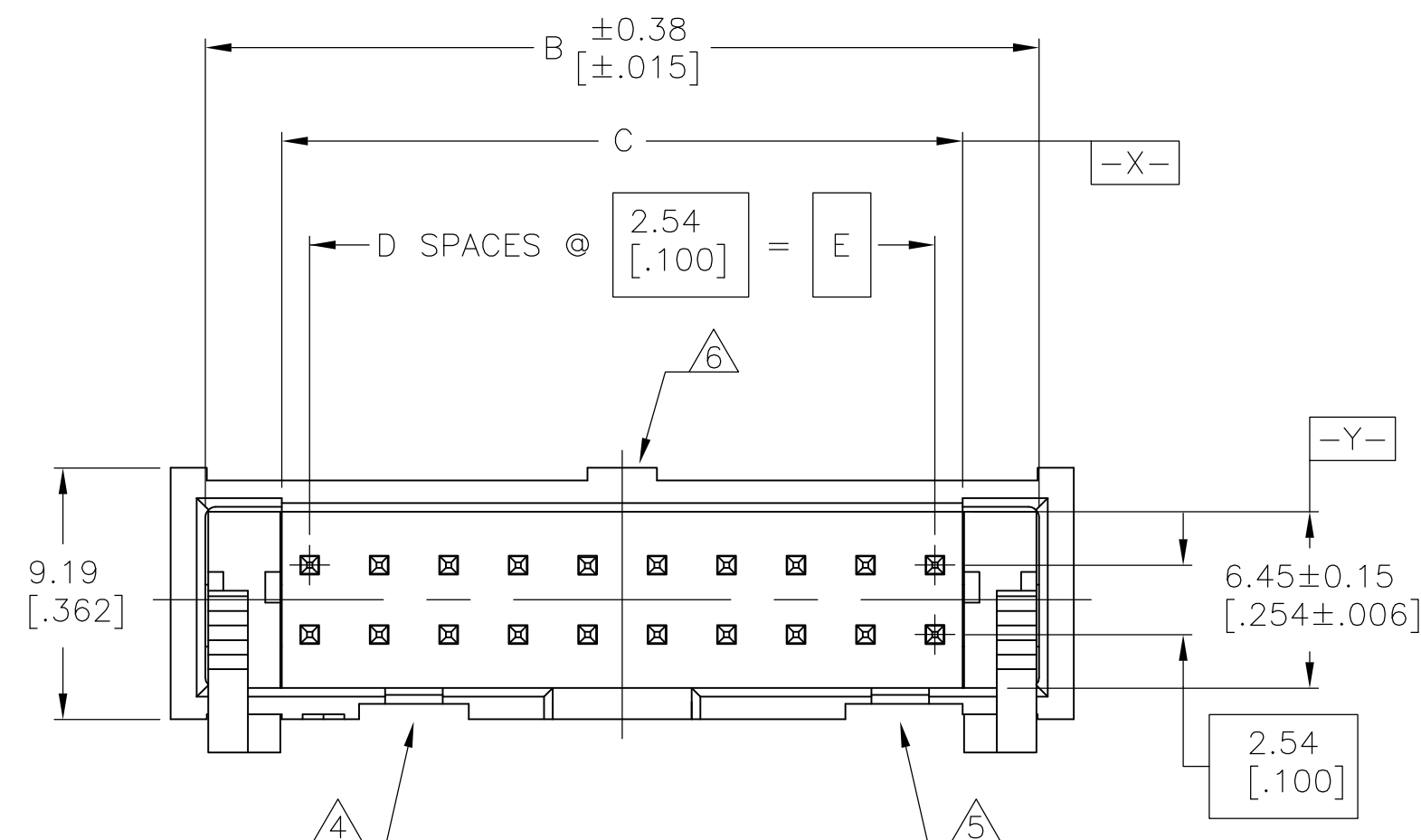


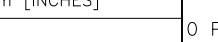
| LOC | DIST | REVISIONS |     |                           |         |     |      |
|-----|------|-----------|-----|---------------------------|---------|-----|------|
|     |      | P         | LTR | DESCRIPTION               | DATE    | DWN | APVD |
| GP  | 00   |           | G1  | REVISED PER ECO-11-004835 | 11MAR11 | RK  | HMR  |



### RECOMMENDED PC BOARD LAYOUT (VIEWED FROM CONNECTOR SIDE)

- ① HOUSING: PBT, UL94V-0, COLOR (SEE TABLE).  
POSTS: PHOSPHOR BRONZE.  
LATCHES: ZINC ALLOY.
- ② POSTS: GOLD FLASH OVER PALLADIUM-NICKEL PLATE,  $0.76\mu\text{m}[.000030]$  MIN TOTAL ON MATING AREA,  $2.54\mu\text{m}[.000100]$  MIN TIN PLATE ON SOLDER-TAIL, ALL OVER  $1.27\mu\text{m}[.000050]$  MIN NICKEL UNDERPLATE ON ENTIRE POST.  
OR  
 $0.76\mu\text{m}[.000030]$  MIN GOLD PLATE ON MATING AREA,  $2.54\mu\text{m}[.000100]$  MIN TIN PLATE ON THE SOLDER-TAIL,  $1.27\mu\text{m}[.000050]$  MIN NICKEL UNDERPLATE ON THE ENTIRE POST.  
LATCHES: BLACK NICKEL OVER COPPER.
- ③ DATUMS S & T TO BE ESTABLISHED BY CUSTOMER.
- ④ NO KEYING SLOT ON THIS END FOR 6, 8, 10, 12 & 14 POSITION ASSEMBLIES.
- ⑤ NO KEYING SLOT ON THIS END FOR 6, 8 & 10 POSITION ASSEMBLIES.
- ⑥ NO STANDOFF FOR 6, 8, 10, 12, 14 & 16 POSITION ASSEMBLIES.
- ⑦ ALTERNATE LOCATION/ORIENTATION OF POSITION #1 INDICATOR

|          |                  |                  |    |                  |                  |                  |              |                |
|----------|------------------|------------------|----|------------------|------------------|------------------|--------------|----------------|
|          | BLUE             | 78.74<br>[3.100] | 31 | 80.77<br>[3.180] | 86.26<br>[3.396] | 88.90<br>[3.500] | 64           | 3-1761606-7    |
|          | BLUE             | 73.66<br>[2.900] | 29 | 75.69<br>[2.980] | 81.18<br>[3.196] | 83.82<br>[3.300] | 60           | 3-1761606-6    |
|          | BLUE             | 60.96<br>[2.400] | 24 | 62.99<br>[2.480] | 68.48<br>[2.696] | 71.12<br>[2.800] | 50           | 3-1761606-5    |
|          | BLUE             | 48.26<br>[1.900] | 19 | 50.29<br>[1.980] | 55.78<br>[2.196] | 58.42<br>[2.300] | 40           | 3-1761606-3    |
| OBSOLETE | BLUE             | 43.18<br>[1.700] | 17 | 45.21<br>[1.780] | 50.70<br>[1.996] | 53.34<br>[2.100] | 36           | 3-1761606-2    |
|          | BLUE             | 40.64<br>[1.600] | 16 | 42.67<br>[1.680] | 48.16<br>[1.896] | 50.80<br>[2.000] | 34           | 3-1761606-1    |
|          | BLUE             | 35.56<br>[1.400] | 14 | 37.59<br>[1.480] | 43.08<br>[1.696] | 45.72<br>[1.800] | 30           | 3-1761606-0    |
|          | BLUE             | 30.48<br>[1.200] | 12 | 32.51<br>[1.280] | 38.00<br>[1.496] | 40.64<br>[1.600] | 26           | 2-1761606-9    |
|          | BLUE             | 27.94<br>[1.100] | 11 | 29.97<br>[1.180] | 35.46<br>[1.396] | 38.10<br>[1.500] | 24           | 2-1761606-8    |
|          | BLUE             | 22.86<br>[.900]  | 9  | 24.89<br>[.980]  | 30.38<br>[1.196] | 33.02<br>[1.300] | 20           | 2-1761606-7    |
|          | BLUE             | 17.78<br>[.700]  | 7  | 19.81<br>[.780]  | 25.30<br>[.996]  | 27.94<br>[1.100] | 16           | 2-1761606-6    |
|          | BLUE             | 15.24<br>[.600]  | 6  | 17.27<br>[.680]  | 22.76<br>[.896]  | 25.40<br>[1.000] | 14           | 2-1761606-5    |
|          | BLUE             | 12.70<br>[.500]  | 5  | 14.73<br>[.580]  | 20.22<br>[.796]  | 22.86<br>[.900]  | 12           | 2-1761606-4    |
|          | BLUE             | 10.16<br>[.400]  | 4  | 12.19<br>[.480]  | 17.68<br>[.696]  | 20.32<br>[.800]  | 10           | 2-1761606-3    |
|          | BLUE             | 7.62<br>[.300]   | 3  | 9.65<br>[.380]   | 15.14<br>[.596]  | 17.78<br>[.700]  | 8            | 2-1761606-2    |
|          | BLUE             | 5.08<br>[.200]   | 2  | 7.11<br>[.280]   | 12.60<br>[.496]  | 15.24<br>[.600]  | 6            | 2-1761606-1    |
|          | BLACK            | 73.66<br>[2.900] | 29 | 75.69<br>[2.980] | 81.18<br>[3.196] | 83.82<br>[3.300] | 60           | 1-1761606-6    |
|          | BLACK            | 60.96<br>[2.400] | 24 | 62.99<br>[2.480] | 68.48<br>[2.696] | 71.12<br>[2.800] | 50           | 1-1761606-5    |
|          | BLACK            | 48.26<br>[1.900] | 19 | 50.29<br>[1.980] | 55.78<br>[2.196] | 58.42<br>[2.300] | 40           | 1-1761606-3    |
|          | BLACK            | 40.64<br>[1.600] | 16 | 42.67<br>[1.680] | 48.16<br>[1.896] | 50.80<br>[2.000] | 34           | 1-1761606-1    |
|          | BLACK            | 35.56<br>[1.400] | 14 | 37.59<br>[1.480] | 43.08<br>[1.696] | 45.72<br>[1.800] | 30           | 1-1761606-0    |
|          | BLACK            | 30.48<br>[1.200] | 12 | 32.51<br>[1.280] | 38.00<br>[1.496] | 40.64<br>[1.600] | 26           | 1761606-9      |
|          | BLACK            | 27.94<br>[1.100] | 11 | 29.97<br>[1.180] | 35.46<br>[1.396] | 38.10<br>[1.500] | 24           | 1761606-8      |
|          | BLACK            | 22.86<br>[.900]  | 9  | 24.89<br>[.980]  | 30.38<br>[1.196] | 33.02<br>[1.300] | 20           | 1761606-7      |
|          | BLACK            | 17.78<br>[.700]  | 7  | 19.81<br>[.780]  | 25.30<br>[.996]  | 27.94<br>[1.100] | 16           | 1761606-6      |
|          | BLACK            | 15.24<br>[.600]  | 6  | 17.27<br>[.680]  | 22.76<br>[.896]  | 25.40<br>[1.000] | 14           | 1761606-5      |
|          | BLACK            | 10.16<br>[.400]  | 4  | 12.19<br>[.480]  | 17.68<br>[.696]  | 20.32<br>[.800]  | 10           | 1761606-3      |
|          | HOUSING<br>COLOR | E                | D  | C                | B                | A                | NO OF<br>POS | PART<br>NUMBER |

|                                                                                                   |  |                                                                                                                                          |  |                                                                                                       |  |
|---------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                            |  | DWN: J GERACE 03MAR05<br>CHK: S BOLASH 03MAR05<br>APP'D: M WALMSLEY 03MAR05                                                              |  |  TE Connectivity |  |
| DIMENSIONS:<br>mm [INCHES]                                                                        |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ± -<br>1 PLC ± -<br>2 PLC ± -<br>3 PLC ± 0.13[.005]<br>4 PLC ± -<br>ANGLES ± -<br>FINISH |  | NAME<br>HEADER ASSEMBLY, VERTICAL,<br>LONG EJECT LATCH, LOW PROFILE, IDC                              |  |
|              |  | PRODUCT SPEC<br>—<br>APPLICATION SPEC<br>—                                                                                               |  | SIZE<br>A1                                                                                            |  |
| MATERIAL<br> |  | WEIGHT<br>—                                                                                                                              |  | CAGE CODE<br>00779                                                                                    |  |
|              |  | CUSTOMER DRAWING                                                                                                                         |  | DRAWING NO<br>C-1761606                                                                               |  |
|                                                                                                   |  |                                                                                                                                          |  | SCALE<br>4:1                                                                                          |  |
|                                                                                                   |  |                                                                                                                                          |  | SHEET<br>1 OF 1                                                                                       |  |
|                                                                                                   |  |                                                                                                                                          |  | REV<br>G1                                                                                             |  |

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