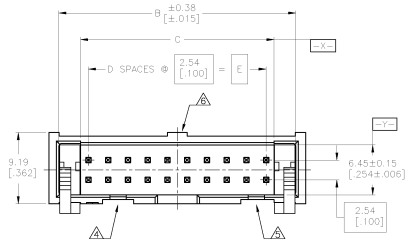
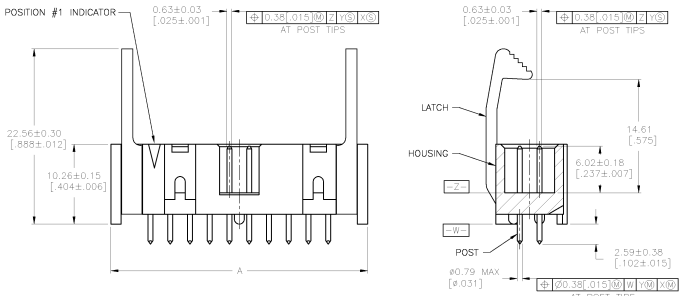
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
© COPYRIGHT – BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

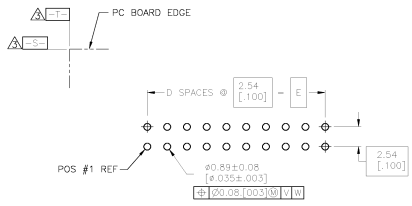
| LOC | UNIT |
|---|---|
| GP | 00 |

REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | A | REVISED PER EC 0513-0163-05 | 19APR05 | RR | SB |




RECOMMENDED PC BOARD LAYOUT
(VIEWED FROM CONNECTOR SIDE)

1. HOUSING: PBT, UL94V-0, COLOR (SEE TABLE).
   POSTS: PHOSPHOR BRONZE.
   LATCHES: ZINC ALLOY.
2. POSTS: 0.00076[.000030] MIN GOLD ON MATING AREA, 0.00254[.000100] MIN TIN ON SOLDER END, ALL OVER 0.00127[.000050] MIN NICKEL ON ENTIRE POST.
   LATCHES: BLACK CHROMATE.
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.

| HOUSING COLOR | E | D | C | B | A | NO OF POS | PART NUMBER |
|---|---|---|---|---|---|---|---|
| BLUE | 78.74 [3.100] | 31 | 80.77 [3.180] | 86.26 [3.396] | 88.90 [3.500] | 64 | 3-1761607-7 |
| BLUE | 73.66 [2.900] | 29 | 75.69 [2.980] | 81.18 [3.196] | 83.82 [3.300] | 60 | 3-1761607-6 |
| BLUE | 60.96 [2.400] | 24 | 62.99 [2.480] | 68.48 [2.696] | 71.12 [2.800] | 50 | 3-1761607-5 |
| BLUE | 48.26 [1.900] | 19 | 50.29 [1.980] | 55.78 [2.196] | 58.42 [2.300] | 40 | 3-1761607-3 |
| BLUE | 43.18 [1.700] | 17 | 45.21 [1.780] | 50.70 [1.996] | 53.34 [2.100] | 36 | 3-1761607-2 |
| BLUE | 40.64 [1.600] | 16 | 42.67 [1.680] | 48.16 [1.896] | 50.80 [2.000] | 34 | 3-1761607-1 |
| BLUE | 35.56 [1.400] | 14 | 37.59 [1.480] | 43.08 [1.696] | 45.72 [1.800] | 30 | 3-1761606-0 |
| BLUE | 30.48 [1.200] | 12 | 32.51 [1.280] | 38.00 [1.496] | 40.64 [1.600] | 26 | 2-1761606-9 |
| BLUE | 27.94 [1.100] | 11 | 29.97 [1.180] | 35.46 [1.396] | 38.10 [1.500] | 24 | 2-1761606-8 |
| BLUE | 22.86 [.900] | 9 | 24.89 [.980] | 30.38 [1.196] | 33.02 [1.300] | 20 | 2-1761606-7 |
| BLUE | 17.78 [.700] | 7 | 19.81 [.780] | 25.30 [.996] | 27.94 [1.100] | 16 | 2-1761606-6 |
| BLUE | 15.24 [.600] | 6 | 17.27 [.680] | 22.76 [.896] | 25.40 [1.000] | 14 | 2-1761606-5 |
| BLUE | 12.70 [.500] | 5 | 14.73 [.580] | 20.22 [.796] | 22.86 [.900] | 12 | 2-1761606-4 |
| BLUE | 10.16 [.400] | 4 | 12.19 [.480] | 17.68 [.696] | 20.32 [.800] | 10 | 2-1761606-3 |
| BLUE | 7.62 [.300] | 3 | 9.65 [.380] | 15.14 [.596] | 17.78 [.700] | 8 | 2-1761606-2 |
| BLUE | 5.08 [.200] | 2 | 7.11 [.280] | 12.60 [.496] | 15.24 [.600] | 6 | 2-1761606-1 |
| BLACK | 73.66 [2.900] | 29 | 75.69 [2.980] | 81.18 [3.196] | 83.82 [3.300] | 60 | 1-1761606-6 |
| BLACK | 60.96 [2.400] | 24 | 62.99 [2.480] | 68.48 [2.696] | 71.12 [2.800] | 50 | 1-1761606-5 |
| BLACK | 48.26 [1.900] | 19 | 50.29 [1.980] | 55.78 [2.196] | 58.42 [2.300] | 40 | 1-1761606-3 |
| BLACK | 40.64 [1.600] | 16 | 42.67 [1.680] | 48.16 [1.896] | 50.80 [2.000] | 34 | 1-1761606-1 |
| BLACK | 35.56 [1.400] | 14 | 37.59 [1.480] | 43.08 [1.696] | 45.72 [1.800] | 30 | 1-1761606-0 |
| BLACK | 30.48 [1.200] | 12 | 32.51 [1.280] | 38.00 [1.496] | 40.64 [1.600] | 26 | 1761606-9 |
| BLACK | 27.94 [1.100] | 11 | 29.97 [1.180] | 35.46 [1.396] | 38.10 [1.500] | 24 | 1761606-9 |
| BLACK | 22.86 [.900] | 9 | 24.89 [.980] | 30.38 [1.196] | 33.02 [1.300] | 20 | 1761606-7 |
| BLACK | 17.78 [.700] | 7 | 19.81 [.780] | 25.30 [.996] | 27.94 [1.100] | 16 | 1761606-6 |
| BLACK | 15.24 [.600] | 6 | 17.27 [.680] | 22.76 [.896] | 25.40 [1.000] | 14 | 1761606-5 |
| BLACK | 10.16 [.400] | 4 | 12.19 [.480] | 17.68 [.696] | 20.32 [.800] | 10 | 1761606-3 |

COPYRIGHT 2005
TYCO ELECTRONICS CORP
ALL RIGHTS RESERVED

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: MM [INCHES]
TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± 0.13[.005]
ANGLES ± –
MATERIAL
FINISH

DWN J. GERACE COMMERCIAL
CHK S. BOLASH COMMERCIAL
APVD M. WALMSLEY COMMERCIAL
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

Tyco Electronics Corporation
Harrisburg, Pa 17105

MATL HEADER ASSEMBLY, VERTICAL, LONG EJECT LATCH, LOW PROFILE, IDC
–

SIZE A1 | CAGE CODE 00779 | DRAWING NO 1761606 | RESTRICTED TO —

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 1 | REV A

AMP 4005 REV 31MAR2000

Downloaded from Elcodis.com electronic components distributor