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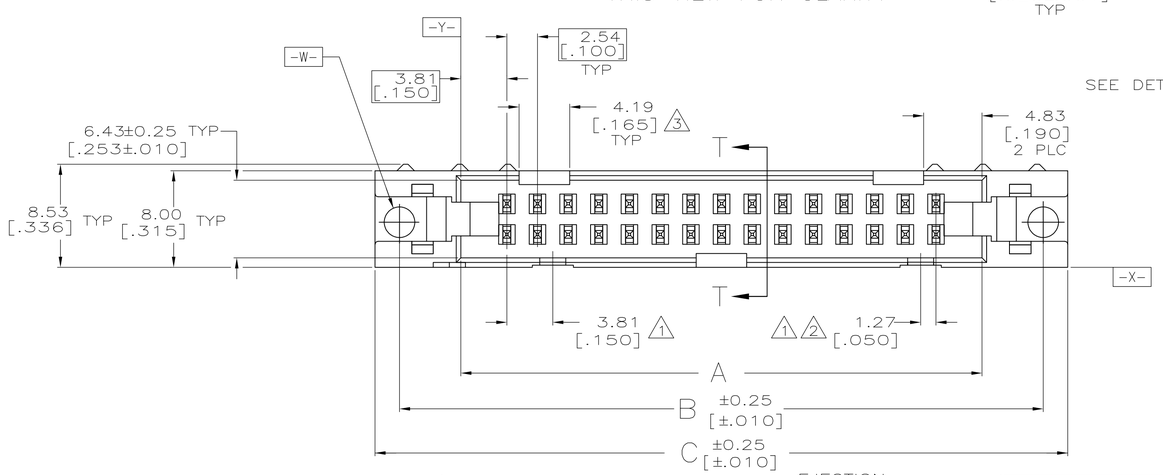
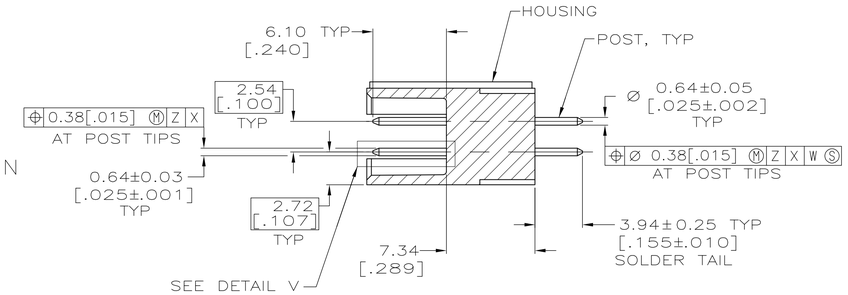
| LOC | DIST |
|---|---|
| GP | 00 |

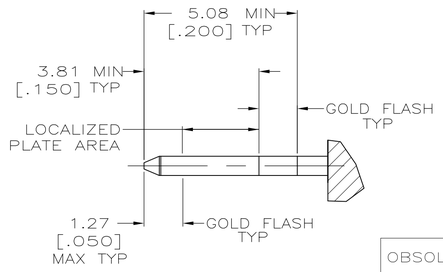
REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | E1 | REVISED PER ECO-11-004835 | 11MAR11 | RK | HMR |

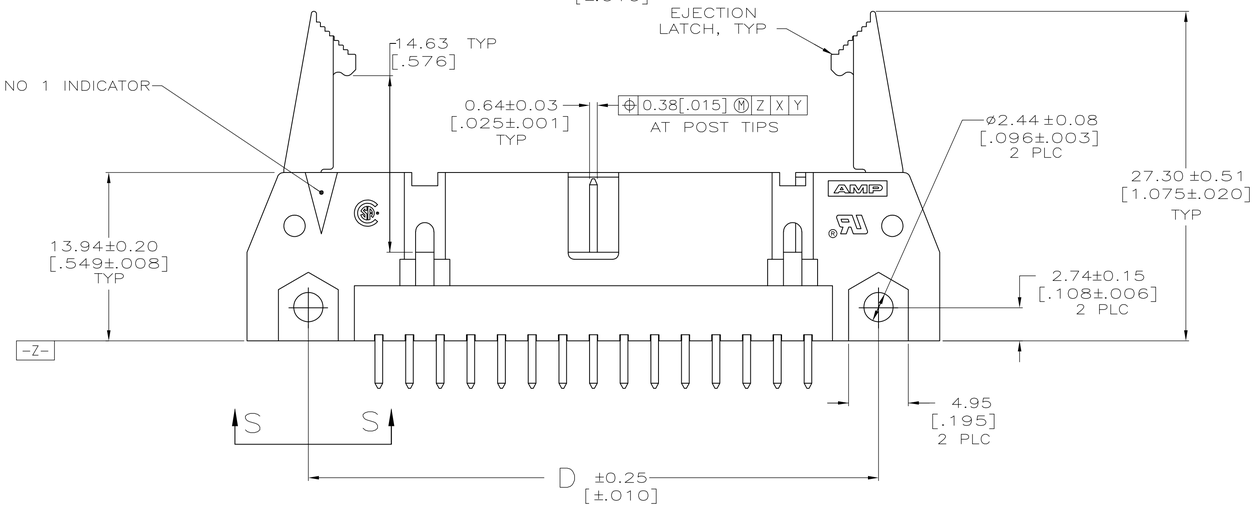


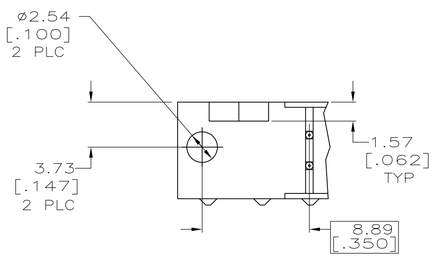




SECTION T–T

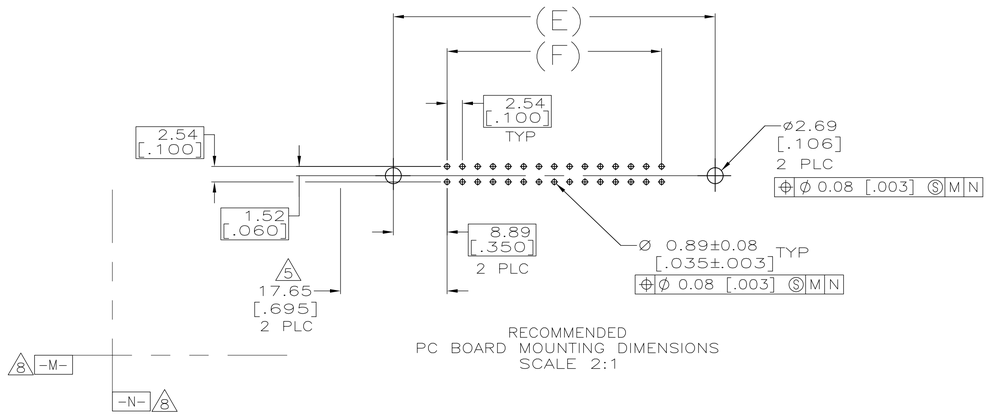



DETAIL V
SCALE 10:1




VIEW S–S




RECOMMENDED PC BOARD MOUNTING DIMENSIONS
SCALE 2:1

1. COORDINATE DIMENSION APPLIES FROM BASIC LOCATION.
2. 10 AND 14 POSITION SIZES CONTAIN ONLY ONE SLOT FOR SNAP–IN POLARIZER (MILITARY POLARIZATION) LOCATED AS SHOWN.
3. 10 POSITION SIZE CONTAINS ONLY ONE SLOT FOR DUAL POLARIZATION, LOCATED AS SHOWN.
4. RECOMMENDED PRINTED CIRCUIT BOARD THICKNESS IS 3.18[.125].
5. DISTANCE REQUIRED BY EJECTION LATCHES IN THE OPEN POSITION.
6. HOUSING & LATCHES: GLASS FILLED NYLON OR POLYESTER, UL94V–0 RATED, COLOR: SEE TABLE.
   POSTS: PH BRZ OR BRASS
7. POSTS: GOLD FLASH OVER PALLADIUM–NICKEL PLATE, 0.76µm[.000030] MIN TOTAL ON THE LOCALIZED PLATE AREA, 2.54µm[.000100] MIN TIN PLATE ON THE SOLDER–TAIL, 1.27µm[.000050] MIN NICKEL UNDERPLATE ON THE ENTIRE POST.
   –OR–
   0.76µm[.000030] MIN GOLD PLATE ON THE LOCALIZED PLATE AREA, 2.54µm[.000100] MIN TIN PLATE ON THE SOLDER–TAIL, 1.27µm[.000050] MIN NICKEL UNDERPLATE ON THE ENTIRE POST.
8. DATUMS –M– & –N– TO BE ESTABLISHED BY CUSTOMER.

| | COLOR | A | B | C | D | E | F | NO OF POSN | PART NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| | BLUE | 53.34 [2.100] | 71.12 [2.800] | 65.02 [2.560] | 75.18 [2.960] | 71.12 [2.800] | 60.96 [2.400] | 44 | 3–5102321–3 |
| OBSOLETE | BLUE | 78.74 [3.100] | 96.52 [3.800] | 90.42 [3.560] | 100.58 [3.960] | 96.52 [3.800] | 86.36 [3.400] | 64 | 3–5102321–2 |
| | BLUE | 73.66 [2.900] | 91.44 [3.600] | 85.34 [3.360] | 95.50 [3.760] | 91.44 [3.600] | 81.28 [3.200] | 60 | 3–5102321–1 |
| | BLUE | 60.96 [2.400] | 78.74 [3.100] | 72.64 [2.860] | 82.80 [3.260] | 78.74 [3.100] | 68.58 [2.700] | 50 | 3–5102321–0 |
| OBSOLETE | BLUE | 48.26 [1.900] | 66.04 [2.600] | 59.94 [2.360] | 70.10 [2.760] | 66.04 [2.600] | 55.88 [2.200] | 40 | 2–5102321–9 |
| OBSOLETE | BLUE | 40.64 [1.600] | 58.42 [2.300] | 52.32 [2.060] | 62.48 [2.460] | 58.42 [2.300] | 48.26 [1.900] | 34 | 2–5102321–8 |
| | BLUE | 35.56 [1.400] | 53.34 [2.100] | 47.24 [1.860] | 57.40 [2.260] | 53.34 [2.100] | 43.18 [1.700] | 30 | 2–5102321–7 |
| | BLUE | 30.48 [1.200] | 48.26 [1.900] | 42.16 [1.660] | 52.32 [2.060] | 48.26 [1.900] | 38.10 [1.500] | 26 | 2–5102321–6 |
| | BLUE | 22.86 [.900] | 40.64 [1.600] | 34.54 [1.360] | 44.70 [1.760] | 40.64 [1.600] | 30.48 [1.200] | 20 | 2–5102321–4 |
| | BLUE | 17.78 [.700] | 35.56 [1.400] | 29.46 [1.160] | 39.62 [1.560] | 35.56 [1.400] | 25.40 [1.000] | 16 | 2–5102321–3 |
| | BLUE | 15.24 [.600] | 33.02 [1.300] | 26.92 [1.060] | 37.08 [1.460] | 33.02 [1.300] | 22.86 [.900] | 14 | 2–5102321–2 |
| | BLUE | 10.16 [.400] | 27.94 [1.100] | 21.84 [.860] | 32.00 [1.260] | 27.94 [1.100] | 17.78 [.700] | 10 | 2–5102321–1 |
| | BLACK | 78.74 [3.100] | 96.52 [3.800] | 90.42 [3.560] | 100.58 [3.960] | 96.52 [3.800] | 86.36 [3.400] | 64 | 1–5102321–2 |
| | BLACK | 73.66 [2.900] | 91.44 [3.600] | 85.34 [3.360] | 95.50 [3.760] | 91.44 [3.600] | 81.28 [3.200] | 60 | 1–5102321–1 |
| | BLACK | 60.96 [2.400] | 78.74 [3.100] | 72.64 [2.860] | 82.80 [3.260] | 78.74 [3.100] | 68.58 [2.700] | 50 | 1–5102321–0 |
| | BLACK | 48.26 [1.900] | 66.04 [2.600] | 59.94 [2.360] | 70.10 [2.760] | 66.04 [2.600] | 55.88 [2.200] | 40 | 5102321–9 |
| | BLACK | 40.64 [1.600] | 58.42 [2.300] | 52.32 [2.060] | 62.48 [2.460] | 58.42 [2.300] | 48.26 [1.900] | 34 | 5102321–8 |
| | BLACK | 35.56 [1.400] | 53.34 [2.100] | 47.24 [1.860] | 57.40 [2.260] | 53.34 [2.100] | 43.18 [1.700] | 30 | 5102321–7 |
| | BLACK | 30.48 [1.200] | 48.26 [1.900] | 42.16 [1.660] | 52.32 [2.060] | 48.26 [1.900] | 38.10 [1.500] | 26 | 5102321–6 |
| | BLACK | 27.94 [1.100] | 45.72 [1.800] | 39.62 [1.560] | 49.78 [1.960] | 45.72 [1.800] | 35.56 [1.400] | 24 | 5102321–5 |
| | BLACK | 22.86 [.900] | 40.64 [1.600] | 34.54 [1.360] | 44.70 [1.760] | 40.64 [1.600] | 30.48 [1.200] | 20 | 5102321–4 |
| | BLACK | 17.78 [.700] | 35.56 [1.400] | 29.46 [1.160] | 39.62 [1.560] | 35.56 [1.400] | 25.40 [1.000] | 16 | 5102321–3 |
| | BLACK | 15.24 [.600] | 33.02 [1.300] | 26.92 [1.060] | 37.08 [1.460] | 33.02 [1.300] | 22.86 [.900] | 14 | 5102321–2 |
| | BLACK | 10.16 [.400] | 27.94 [1.100] | 21.84 [.860] | 32.00 [1.260] | 27.94 [1.100] | 17.78 [.700] | 10 | 5102321–1 |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm[INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± 0.13[.005]
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL 6 FINISH 7

DWN G. ATTADIA – DOCK5 01–07–05
CHK S. BOLASH 01–07–05
APVD M. WALMSLEY 01–07–05
PRODUCT SPEC 108–40018
APPLICATION SPEC –
WEIGHT –

TE Connectivity

NAME HEADER ASSY, UNIVERSAL, AMP–LATCH –

SIZE A1 | CAGE CODE 00779 | DRAWING NO C–5102321 | RESTRICTED TO –

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 1 | REV E1

4805 (3/11)