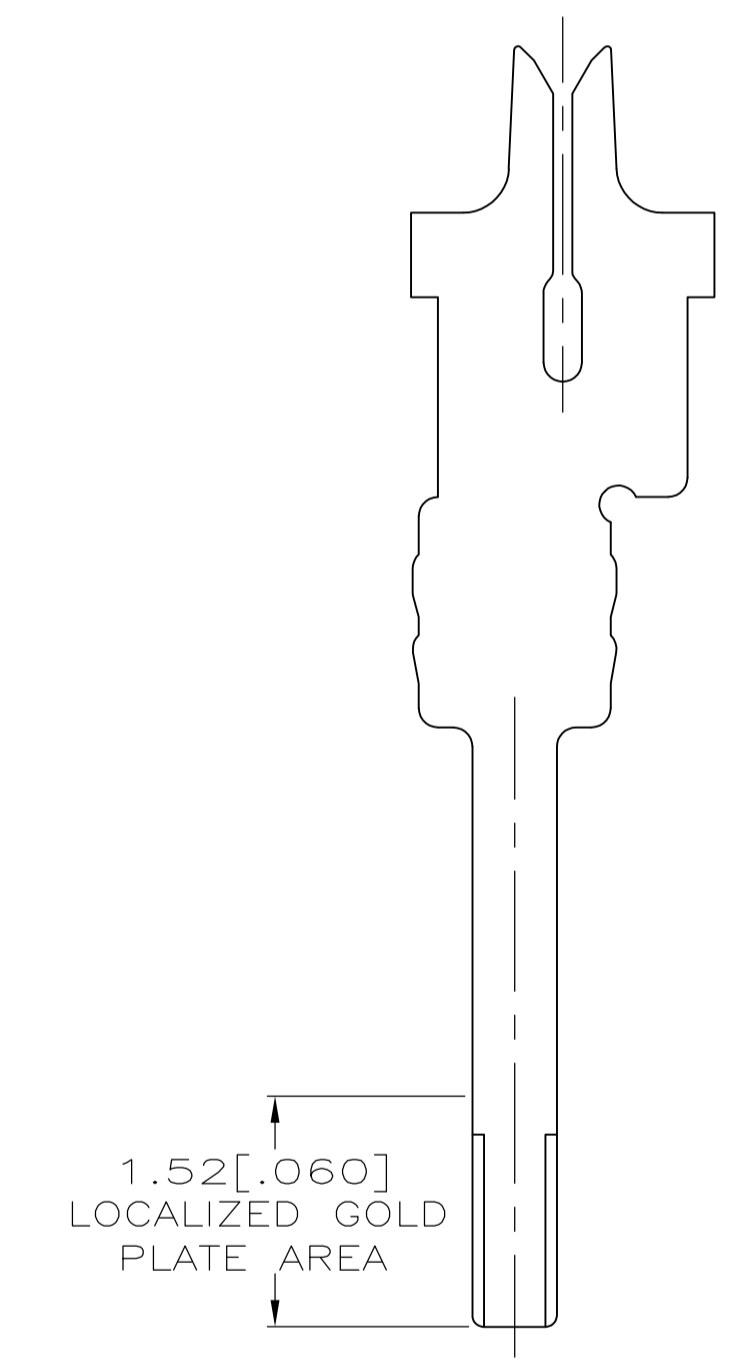
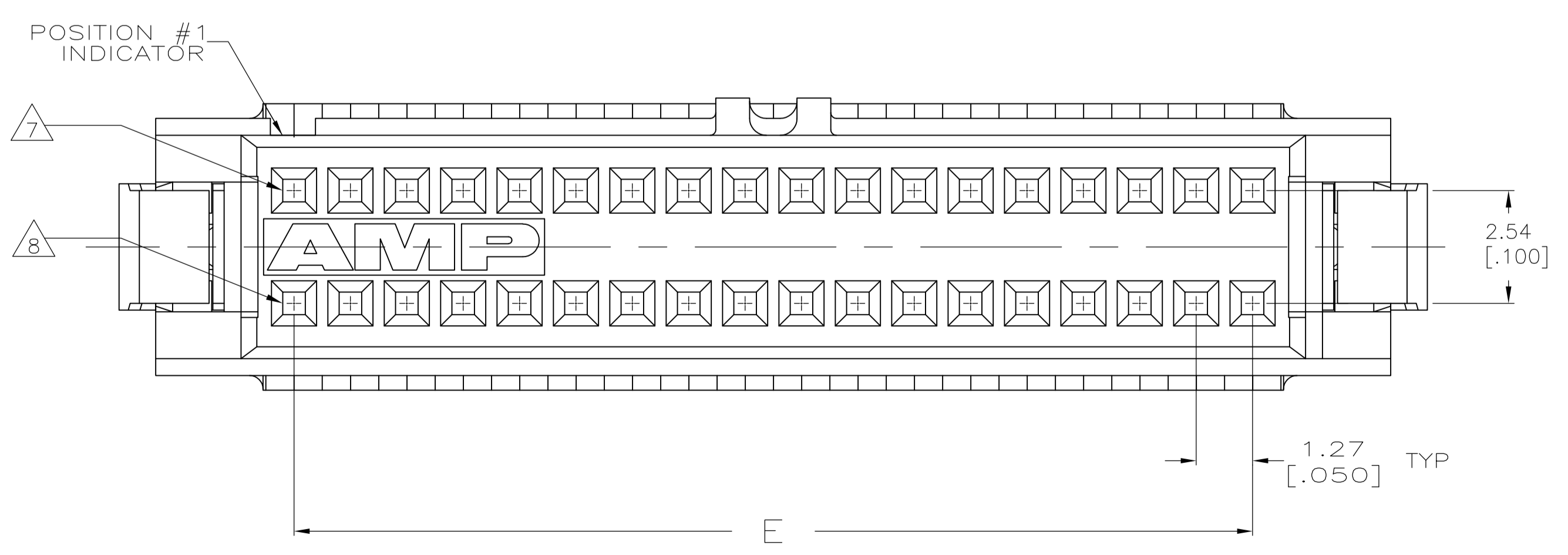


TERMINATED VIEW
SCALE 5:1



DETAIL M
SCALE 20:1
TYPICAL



BEFORE TERMINATION

| | | | |
|--|---------------------|--------------------------|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009 | | DIN J. GERACE 20JUL04 | TE Connectivity |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | CHK C. ROHDE 20JUL04 | |
| DIMENSIONS: | 0. PLC ± - | APPD M. WALMSLEY 20JUL04 | NAME |
| mm [INCHES] | 1. PLC ± - | | AMP-LATCH™ SYSTEM 50, RECEPTACLE ASSEMBLY, 0.64[.025] IDC |
| | 2. PLC ± 0.13[.005] | | PRODUCT SPEC |
| | 3. PLC ± - | | 108-1109 |
| | 4. PLC ANGLES ± - | | APPLICATION SPEC |
| | | | 114-25029 |
| MATERIAL SEE SHEET 2 | FINISH SEE SHEET 2 | WEIGHT | SIZE CAGE CODE DRAWING NO. RESTRICTED TO |
| | | | A1 00779 C=111196 - |
| CUSTOMER DRAWING | | SCALE 10:1 | SHEET 1 OF 2 REV N1 |

- ① HOUSING MATERIAL: UL RATED 94V-0 LCP THERMOPLASTIC, COLOR-BLACK.
COVER MATERIAL: UL RATED 94V-0 POLYESTER OR POLYAMIDE MOLDING COMPOUND, COLOR-BLACK.
- ② CONTACT MATERIAL: COPPER ALLOY.
- ③ LATCH MATERIAL: STAINLESS STEEL.
- ④ CONTACT FINISH: 0.00076 [.000030] MIN THICK GOLD PLATE ON LOCALIZED GOLD PLATE AREA, 0.00254-0.00508 [.000100-.000200] THICK BRIGHT TIN OR BRIGHT TIN-LEAD ON IDC END, ALL OVER 0.00127 [.000050] MIN THICK NICKEL PLATE.
- 5. MATES WITH 0.38 [.015] SQUARE OR ROUND POSTS, 3.18±0.10 [.125±.004] LONG, ON 1.27 [.050] x 2.54 [.100] GRID.
- ⑥ CONTACT FINISH: 0.00076 [.000030] MIN THICK GOLD PLATE ON LOCALIZED GOLD PLATE AREA, 0.00254-0.00508 [.000100-.000200] THICK TIN ON IDC END, ALL OVER 0.00127 [.000050] MIN THICK NICKEL PLATE.
- ⑦ POSITION 1: ALL ODD NUMBERED POSITIONS IN THIS ROW.
- ⑧ POSITION 2: ALL EVEN NUMBERED POSITIONS IN THIS ROW.

| | | | | | | | | | | |
|----------|----------------|------------------|------------------|------------------|------------------|----|------------------|------------------|------|------------|
| | ⑥ | 44.30 [1.744] | 20.85 [.821] | 41.91 [1.650] | 42.54 [1.675] | 67 | 48.13 [1.895] | 49.78 [1.960] | 68 | 3-111196-4 |
| | ⑥ | 51.92 [2.044] | 24.66 [.971] | 49.53 [1.950] | 50.16 [1.975] | 79 | 55.75 [2.195] | 57.40 [2.260] | 80 | 3-111196-3 |
| | ⑥ | 41.76 [1.644] | 19.58 [.771] | 39.37 [1.550] | 40.00 [1.575] | 63 | 45.59 [1.795] | 47.24 [1.860] | 64 | 3-111196-2 |
| | ⑥ | 29.06 [1.144] | 13.23 [.521] | 26.67 [1.050] | 27.30 [1.075] | 43 | 32.89 [1.295] | 34.54 [1.360] | 44 | 3-111196-1 |
| | ⑥ | 22.71 [.894] | 10.06 [.396] | 20.32 [.800] | 20.96 [.825] | 33 | 26.54 [1.045] | 28.19 [1.110] | 34 | 3-111196-0 |
| | ⑥ | 17.63 [.694] | 7.52 [.296] | 15.24 [.600] | 15.88 [.625] | 25 | 21.46 [.845] | 23.11 [.910] | 26 | 2-111196-9 |
| | ⑥ | 16.36 [.644] | 6.88 [.271] | 13.97 [.550] | 14.60 [.575] | 23 | 20.19 [.795] | 21.84 [.860] | 24 | 2-111196-8 |
| | ⑥ | 11.28 [.444] | 4.34 [.171] | 8.89 [.350] | 9.52 [.375] | 15 | 15.11 [.595] | 16.76 [.660] | 16 | 2-111196-7 |
| | ⑥ | 10.01 [.394] | 3.71 [.146] | 7.62 [.300] | 8.26 [.325] | 13 | 13.84 [.545] | 15.49 [.610] | 14 | 2-111196-6 |
| | ⑥ | 7.47 [.294] | 2.44 [.096] | 5.08 [.200] | 5.72 [.225] | 9 | 11.30 [.445] | 12.95 [.510] | 10 | 2-111196-5 |
| | ⑥ | 64.62 [2.544] | 31.01 [1.221] | 62.23 [2.450] | 62.86 [2.475] | 99 | 68.45 [2.695] | 70.10 [2.760] | 100 | 2-111196-4 |
| | ⑥ | 46.84 [1.844] | 22.12 [.871] | 44.45 [1.750] | 45.08 [1.775] | 71 | 50.67 [1.995] | 52.32 [2.060] | 72 | 2-111196-3 |
| | ⑥ | 39.22 [1.544] | 18.31 [.721] | 36.83 [1.450] | 37.46 [1.475] | 59 | 43.05 [1.695] | 44.70 [1.760] | 60 | 2-111196-2 |
| | ⑥ | 32.87 [1.294] | 15.14 [.596] | 30.48 [1.200] | 31.12 [1.225] | 49 | 36.70 [1.445] | 38.35 [1.510] | 50 | 2-111196-1 |
| | ⑥ | 26.52 [1.044] | 11.96 [.471] | 24.13 [.950] | 24.76 [.975] | 39 | 30.35 [1.195] | 32.00 [1.260] | 40 | 2-111196-0 |
| | ⑥ | 20.17 [.794] | 8.79 [.346] | 17.78 [.700] | 18.42 [.725] | 29 | 24.00 [.945] | 25.65 [1.010] | 30 | 1-111196-9 |
| | ⑥ | 13.82 [.544] | 5.61 [.221] | 11.43 [.450] | 12.06 [.475] | 19 | 17.65 [.695] | 19.30 [.760] | 20 | 1-111196-8 |
| OBSOLETE | ④ | 44.30 [1.744] | 20.85 [.821] | 41.91 [1.650] | 42.54 [1.675] | 67 | 48.13 [1.895] | 49.78 [1.960] | 68 | 1-111196-7 |
| | ④ | 64.62 [2.544] | 31.01 [1.221] | 62.23 [2.450] | 62.86 [2.475] | 99 | 68.45 [2.695] | 70.10 [2.760] | 100 | 1-111196-6 |
| | ④ | 51.92 [2.044] | 24.66 [.971] | 49.53 [1.950] | 50.16 [1.975] | 79 | 55.75 [2.195] | 57.40 [2.260] | 80 | 1-111196-5 |
| OBSOLETE | ④ | 46.84 [1.844] | 22.12 [.871] | 44.45 [1.750] | 45.08 [1.775] | 71 | 50.67 [1.995] | 52.32 [2.060] | 72 | 1-111196-4 |
| | ④ | 41.76 [1.644] | 19.58 [.771] | 39.37 [1.550] | 40.00 [1.575] | 63 | 45.59 [1.795] | 47.24 [1.860] | 64 | 1-111196-3 |
| | ④ | 39.22 [1.544] | 18.31 [.721] | 36.83 [1.450] | 37.46 [1.475] | 59 | 43.05 [1.695] | 44.70 [1.760] | 60 | 1-111196-2 |
| | ④ | 32.87 [1.294] | 15.14 [.596] | 30.48 [1.200] | 31.12 [1.225] | 49 | 36.70 [1.445] | 38.35 [1.510] | 50 | 1-111196-1 |
| | ④ | 29.06 [1.144] | 13.23 [.521] | 26.67 [1.050] | 27.30 [1.075] | 43 | 32.89 [1.295] | 34.54 [1.360] | 44 | 1-111196-0 |
| | ④ | 26.52 [1.044] | 11.96 [.471] | 24.13 [.950] | 24.76 [.975] | 39 | 30.35 [1.195] | 32.00 [1.260] | 40 | 111196-9 |
| OBSOLETE | ④ | 22.71 [.894] | 10.06 [.396] | 20.32 [.800] | 20.96 [.825] | 33 | 26.54 [1.045] | 28.19 [1.110] | 34 | 111196-8 |
| | ④ | 20.17 [.794] | 8.79 [.346] | 17.78 [.700] | 18.42 [.725] | 29 | 24.00 [.945] | 25.65 [1.010] | 30 | 111196-7 |
| | ④ | 17.63 [.694] | 7.52 [.296] | 15.24 [.600] | 15.88 [.625] | 25 | 21.46 [.845] | 23.11 [.910] | 26 | 111196-6 |
| | ④ | 16.36 [.644] | 6.88 [.271] | 13.97 [.550] | 14.60 [.575] | 23 | 20.19 [.795] | 21.84 [.860] | 24 | 111196-5 |
| | ④ | 13.82 [.544] | 5.61 [.221] | 11.43 [.450] | 12.06 [.475] | 19 | 17.65 [.695] | 19.30 [.760] | 20 | 111196-4 |
| OBSOLETE | ④ | 11.28 [.444] | 4.34 [.171] | 8.89 [.350] | 9.52 [.375] | 15 | 15.11 [.595] | 16.76 [.660] | 16 | 111196-3 |
| OBSOLETE | ④ | 10.01 [.394] | 3.71 [.146] | 7.62 [.300] | 8.26 [.325] | 13 | 13.84 [.545] | 15.49 [.610] | 14 | 111196-2 |
| | ④ | 7.47 [.294] | 2.44 [.096] | 5.08 [.200] | 5.72 [.225] | 9 | 11.30 [.445] | 12.95 [.510] | 10 | 111196-1 |
| | CONTACT FINISH | G | F | E | D | C | B | A | POSN | |

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009. TOLERANCES UNLESS OTHERWISE SPECIFIED: 0.125 ± .005. MATERIAL: MOLDED PARTS. FINISH: CONTACTS: SEE TABLE.

DIN R.K. SEIFRIED/UTA 11/13/92
CHK R. RUCHTER 3/25/93

STE TE Connectivity

AMP-LATCH SYSTEM 50, RECEPTACLE ASSEMBLY, 0.64[.025], IDC

PRODUCT SPEC: 108-1109
APPLICATION SPEC: 114-25029

SIZE: A1
CAGE CODE: 00779
DRAWING NO: 111196

RESTRICTED TO: CUSTOMER DRAWING
SCALE: 10:1
SHEET: 2 OF 2
REV: N1

Mouser Electronics

Authorized Distributor

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