

RELEASED FOR PUBLICATION REVISIONS GP 00 P LTR C COPYRIGHT -- SEE SHEET 1 _ | - | -/1\ HOUSING MATERIAL: UL RATED 94V-0 LCP THERMOPLASTIC, COLOR-BLACK. COVER MATERIAL: UL RATED 94V-O 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, 20.85 42.54 41.91 48.13 49.78 0.00254-0.00508 [.000100-.000200] THICK BRIGHT TIN OR BRIGHT TIN-LEAD 6 3-111196-4 [.821⁻ [1.650] [1.744][1.675] [1.895] [1.960] ON IDC END, ALL OVER 0.00127 [.000050] MIN THICK NICKEL PLATE. 50.16 24.66 49.53 57.40 55.75 51.92 6 3-111196-3 [1.950] [2.195][2.260][2.044][.971] [1.975] 5. MATES WITH 0.38 [.015] SQUARE OR ROUND POSTS, 3.18±0.10 [.125±.004] LONG, ON 1.27 [.050] \times 2.54 [.100] GRID. 19.58 39.37 40.00 41.76 45.59 47.24 6 3-111196-2 [.771] [1.550] [1.644] [1.575][1.795] [1.860] 6 CONTACT FINISH: 0.00076 [.000030] MIN THICK GOLD PLATE ON LOCALIZED GOLD PLATE AREA, 27.30 29.06 13.23 26.67 34.54 32.89 6 3-111196-1 0.00254-0.00508 [.000100-.000200] THICK TIN ON IDC END, ALL OVER [1.360] [1.050] [1.075][1.295] [1.144][.521]0.00127 [.000050] MIN THICK NICKEL PLATE. 22.71 10.06 20.32 20.96 28.19 26.54 6 3-111196-0 [1.110] [.800] [.825][1.045] [.894] [.396] /7\ POSITION 1: ALL ODD NUMBERED POSITIONS IN THIS ROW. 7.52 15.24 15.88 23.11 17.63 21.46 6 2-111196-9 [.910 /8/ POSITION 2: ALL EVEN NUMBERED POSITIONS IN THIS ROW. [.600] [.625][.845] .694] [.296] 13.97 14.60 20.19 21.84 16.36 6.88 6 2-111196-8 [.271] [.550] [.575] [.795] .860 .644] 9.52 4.34 8.89 16.76 11.28 15.11 6 2-111196-7 [.350] [.375] [.595⁻ [.171].660 .4447 3.71 7.62 8.26 15.49 10.01 13.84 6 2-111196-6 [.300] [.325] .610] .394] [.146] [.545]5.08 5.72 12.95 7.47 2.44 11.30 6 2-111196-5 [.510] [.200] [.225] [.445].294 [.096] 62.23 31.01 62.86 70.10 64.62 68.45 6 2-111196-4 [2.695][2.760][2.544][1.221][2.450] [2.475]52.32 22.12 44.45 45.08 50.67 46.84 6 2-111196-3 [1.750] [1.775][2.060] [1.995] [1.844] [.871] 18.31 36.83 37.46 43.05 39.22 44.70 6 2-111196-2 [.721] [1.450] [1.695] [1.760] [1.544][1.475]32.87 15.14 30.48 31.12 36.70 38.35 6 2-111196-1 [1.200] [1.445] [1.510⁻ [1.294] [.596] [1.225]24.13 24.76 30.35 32.00 26.52 11.96 6 2-111196-0 [.950] [.975] [1.195] [1.260] [1.044][.471] 17.78 18.42 25.65 20.17 8.79 24.00 6 1-111196-9 [.700] [.725][1.010⁻] [.794] [.346][.945] 11.43 12.06 19.30 13.82 5.61 17.65 6 1-111196-8 [.450] [.221] [.544] [.475] [.760] [.695] 42.54 44.30 20.85 41.91 49.78 48.13 OBSOLETE 1-111196-7 [1.895] [1.960] [1.744][.821] 31.01 62.23 62.86 68.45 70.10 64.62 1-111196-6 [2.760][2.544] [1.221⁻ [2.450][2.475] [2.695] 50.16 51.92 24.66 49.53 55.75 57.40 1-111196-5 4 [2.195][2.044][.971] [1.950] [1.975][2.260]22.12 45.08 44.45 52.32 46.84 50.67 4 OBSOLETE 1-111196-4 [1.750][1.775⁻ [1.844] [.871][1.995] [2.060] 40.00 41.76 19.58 39.37 45.59 47.24 1-111196-3 4 [1.550][1.644] [.771][1.575] [1.795] [1.860]37.46 39.22 18.31 36.83 43.05 44.70 1-111196-2 [.721][1.760] -1.544⁻ -1.450 [1.475⁻ ⁻1.695] 32.87 15.14 30.48 31.12 36.70 38.35 50 1-111196-1 4 [1.200][1.225]1.294 [.596][1.445] [1.510]27.30 29.06 13.23 26.67 34.54 32.89 4 44 1-111196-0 [1.050][1.360][1.144[]] [.521][1.075⁻ 1.295] 24.76 26.52 11.96 24.13 30.35 32.00 4 40 111196-9 [1.044] [.471 [.950][.975][1.195] [1.260]22.71 20.32 20.96 10.06 26.54 28.19 4 OBSOLETE 111196-8 [.894] [.396][.800][.825] [1.045] [1.110] 17.78 20.17 8.79 18.42 25.65 24.00 30 111196-7 4 [.700] [.725]7.794 [.346][.945][1.010] 17.63 7.52 15.24 15.88 23.11 21.46 26 111196-6 [.625] [.910]7.6947 [.296][.600] [.845] 13.97 14.60 21.84 16.36 6.88 20.19 24 111196-5 4 $\lceil .550 \rceil$ [.575][.271].644] [.795[]] [.860] 12.06 13.82 5.61 11.43 19.30 17.65 4 20 111196-4 [.221⁻ [.760⁻ .544] [.450] -.475] .695⁻ 9.52 11.28 4.34 8.89 15.11 16.76 4 OBSOLETE 16 111196-3 [.350] [.375][.171].595 .660 _.444 10.01 3.71 7.62 8.26 15.49 13.84 4 OBSOLETE 14 111196-2 .394] [.300] [.325] [.545] .610 [.146]2.44 5.08 5.72 11.30 12.95 10 111196-1 4 .294] [.200] [.225][.510] [.096] [.445] POSN R.K. SEIFRIED/UTA 3/25/93 THIS DRAWING IS A CONTROLLED DOCUMENT. ETE. TE Connectivity DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009 TOLERANCES UNLESS OTHERWISE SPECIFIED: mm [INCHES] AMP-LATCH SYSTEM 50, RECEPTACLE ASSEMBLY, 108-1109 ± 0.13[.005] 0.64[.025], IDC PPLICATION SPEC SIZE CAGE CODE DRAWING NO 114-25029 00779 **C**-111196 MOLDED PARTS: CONTACTS: SEE TABLE SCALE 10.1 SHEET 2 OF REV NI1 JSTOMER DRAWING 4805 (3/11)

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