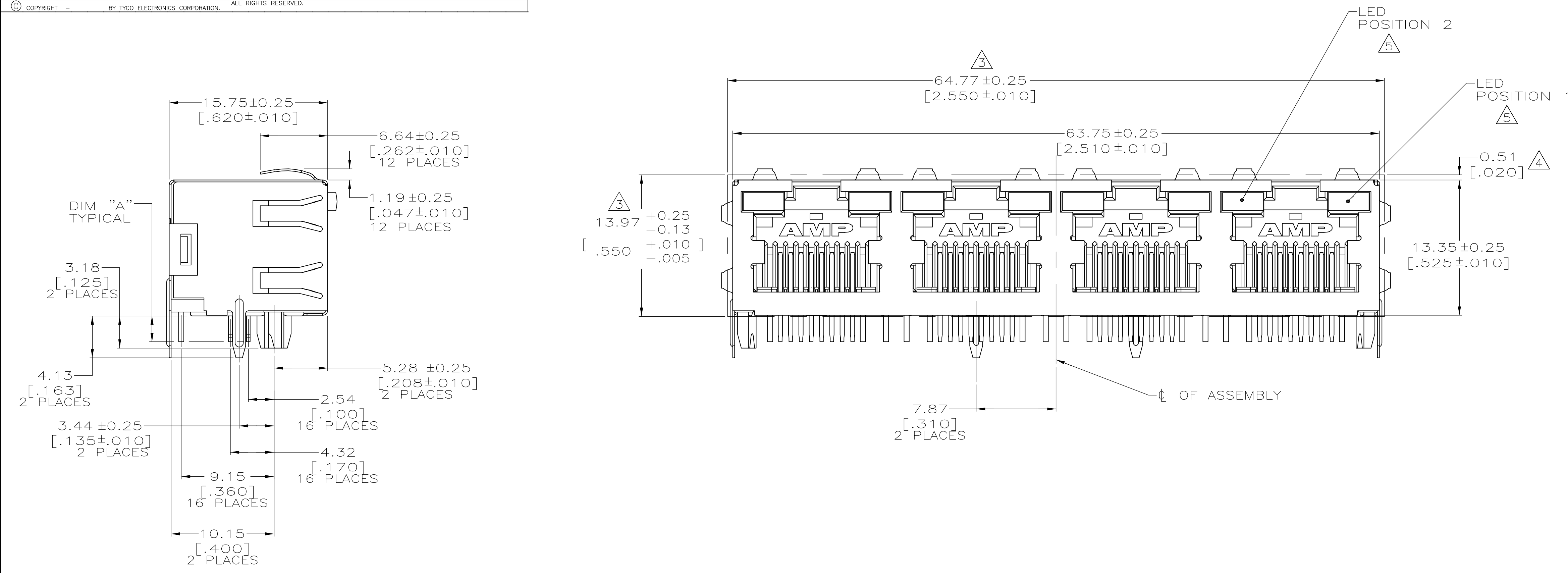
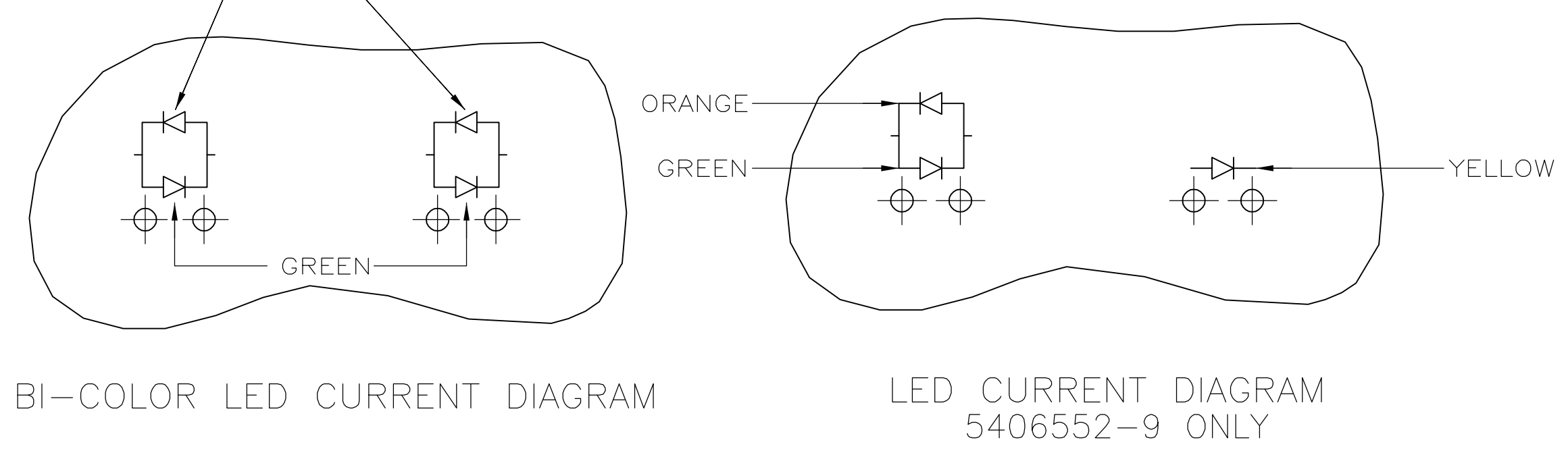


| LOC | | DIST | | REVISIONS | | | |
|-----|---------------|------|------------|-----------|-------|--|--|
| AA | 00 | REV | DATE | BY | APP'D | | |
| D | ECO-06-013742 | | 09JUNE2006 | LAM | JW | | |



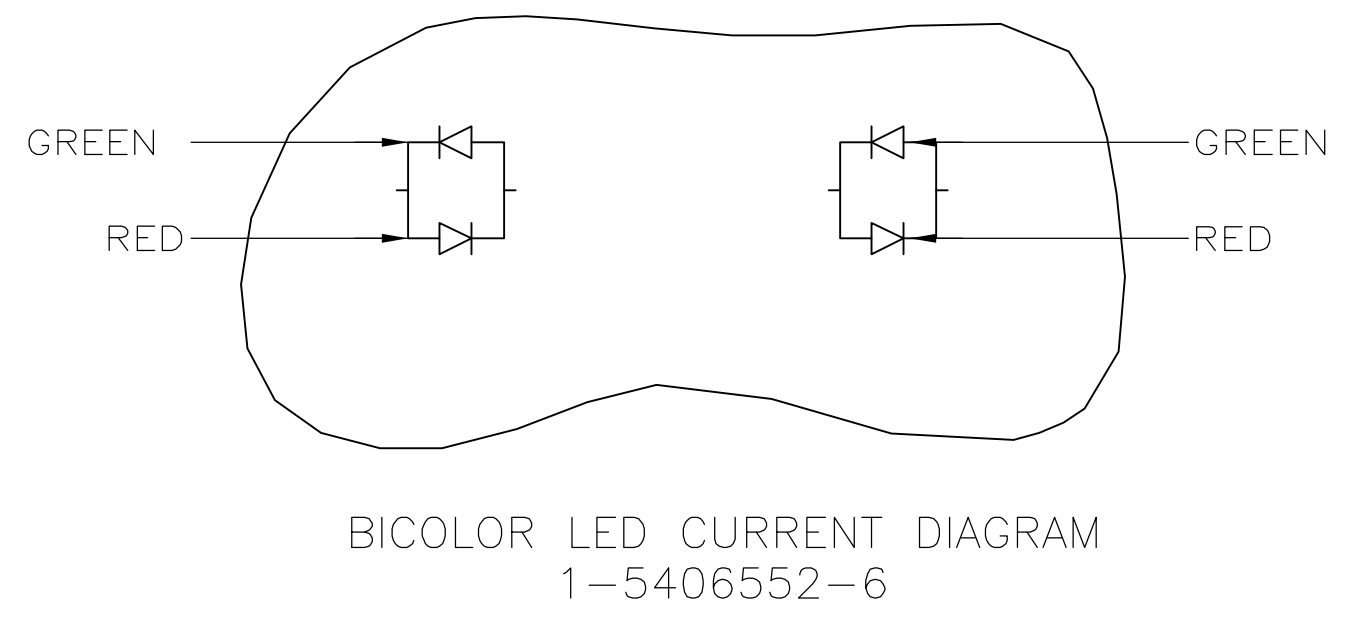
- MATERIAL:
 HOUSING - HIGH TEMPERATURE THERMOPLASTIC, BLACK, UL94V-0.
 TERMINALS - 0.36[.014] THICK PHOS BRONZE PLATED WITH 3.81μm[.000150] MINIMUM THICK MATTE TIN IN SOLDER AREA. 1.27μm[.000050] MINIMUM GOLD IN LOCALIZED PLATE AREA. ENTIRE TERMINAL PLATED WITH 1.27μm[.000050] MINIMUM THICK NICKEL.
 SHIELD - 0.196[.0077] THICK COPPER ZINC ALLOY PREPLATED WITH 1.27μm[.000050] MINIMUM SATIN NICKEL WITH 2.03μm[.000080] MINIMUM TIN POST DIPPED ON PCB GROUND TABS.
 LIGHT EMITTING DIODE (LED) - DIFFUSED EPOXY LENS, 0.51 x 0.51[.020 x .020] CARBON STEEL WIREFRAME LEADS PREPLATED WITH 8.89 μm THICK Sn/Cu OVER 2.03 μm THICK Ag OVER 1.02 μm THICK Cu OVER 3.56 μm THICK Ni OVER 1.02 μm THICK Cu UNDERPLATE
- JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68, SUBPART F.
- △ SUGGESTED PANEL OPENING DIMENSIONS.
- △ SUGGESTED CLEARANCE BETWEEN TOP OF CONNECTOR AND TOP PANEL OPENING.
- △ SEE TABLE FOR COLOR OF LEDS AND NUMBER REQUIRED.
- THIS MODULAR JACK WITH INTEGRATED LED IS NOT IR REFLOW SOLDERING PROCESS COMPATIBLE.

RED FOR 1-5406552-3
 YELLOW FOR 5406552-8
 ORANGE FOR 5406552-7



BI-COLOR LED CURRENT DIAGRAM

LED CURRENT DIAGRAM
5406552-9 ONLY



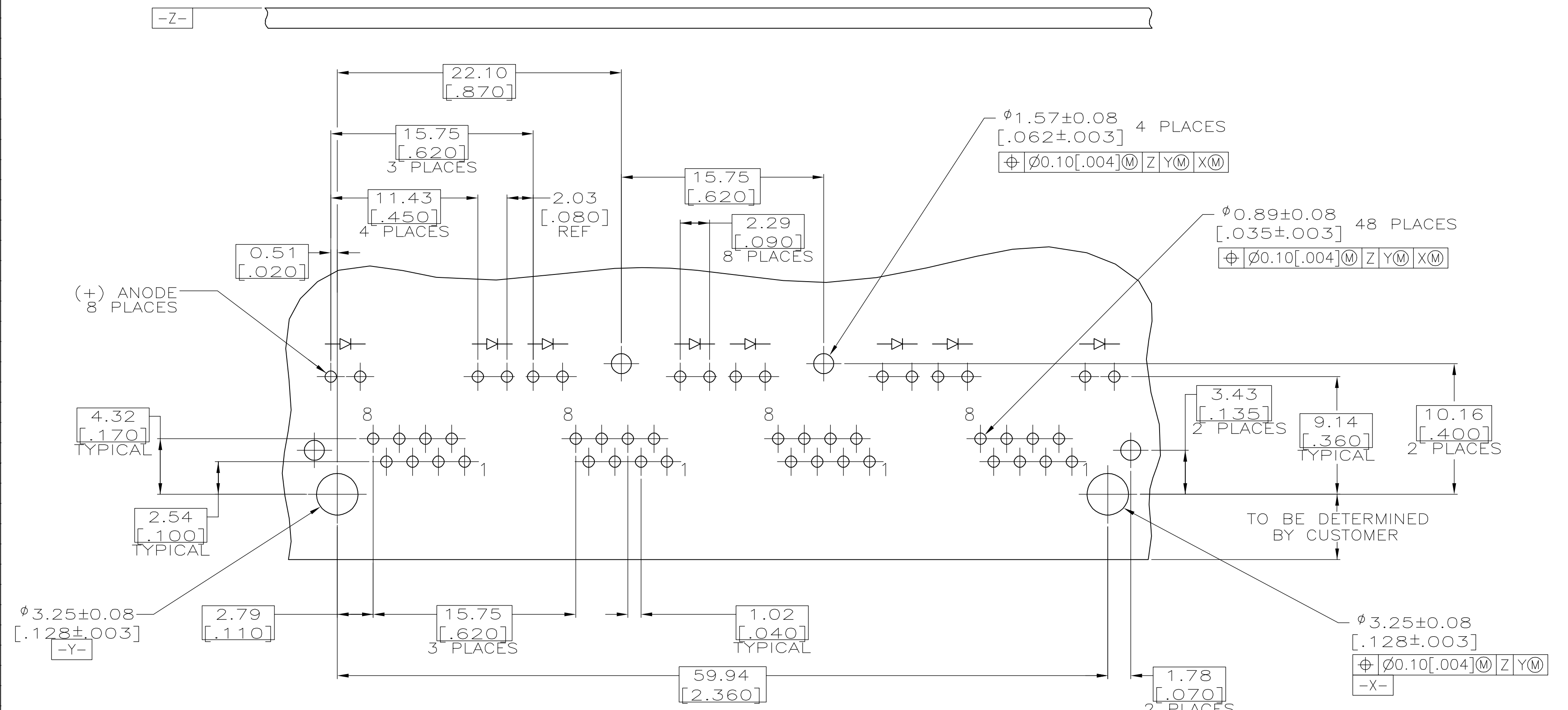
BICOLOR LED CURRENT DIAGRAM
1-5406552-6

| DIM A | POSITION 2 | POSITION 1 | PART NUMBER |
|-------|----------------------|----------------------|-------------|
| .126 | RED/GREEN | RED/GREEN | 1-5406552-6 |
| .100 | SEE VIEW A (SHEET 2) | SEE VIEW A (SHEET 2) | 1-5406552-5 |
| .100 | RED | GREEN | 1-5406552-4 |
| .100 | GREEN/RED | GREEN/RED | 1-5406552-3 |
| .120 | GREEN | GREEN | 1-5406552-1 |
| .100 | GREEN/ORANGE | YELLOW | 5406552-9 |
| .100 | GREEN/YELLOW | GREEN/YELLOW | 5406552-8 |
| .100 | GREEN/ORANGE | GREEN/ORANGE | 5406552-7 |
| .100 | YELLOW | YELLOW | 5406552-6 |
| .100 | GREEN | GREEN | 5406552-5 |
| .100 | GREEN | YELLOW | 5406552-4 |
| .100 | YELLOW | - | 5406552-3 |
| .100 | - | GREEN | 5406552-2 |
| .100 | YELLOW | GREEN | 5406552-1 |

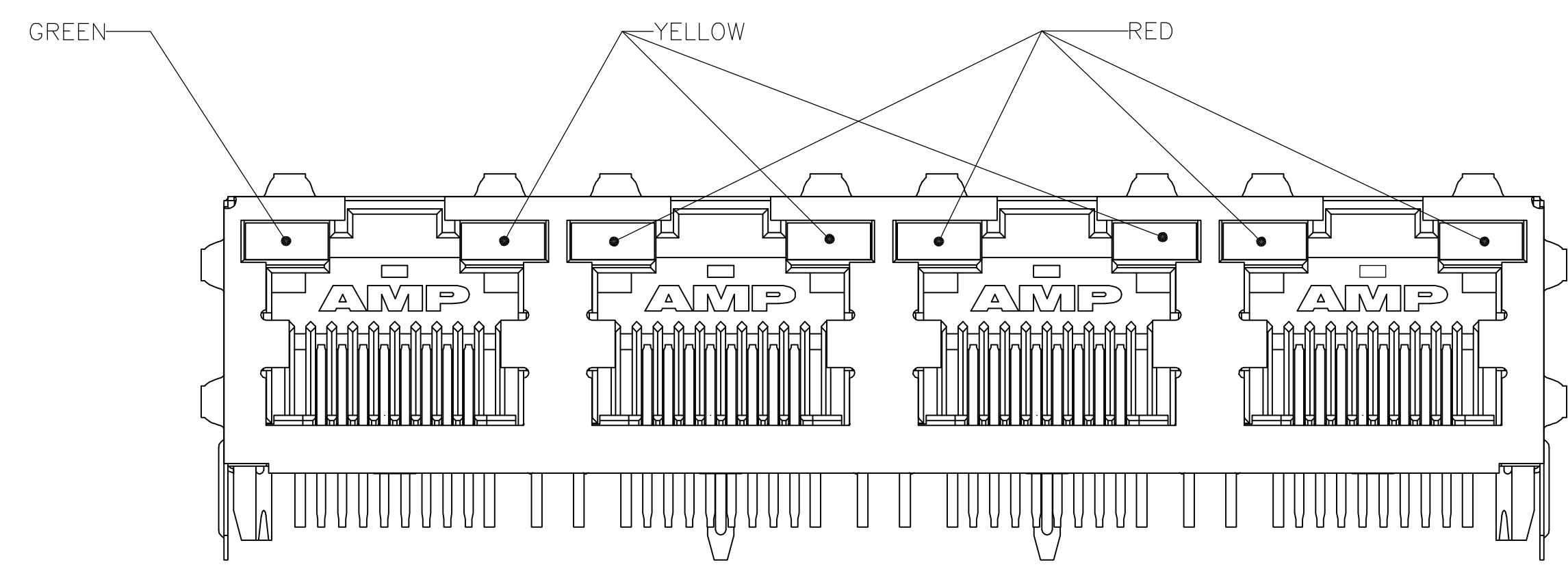
THIS DRAWING IS A CONTROLLED DOCUMENT.

| | | | |
|-------------------------------|--|----------------------------|---|
| DRAWN: T. SPRINKLE/L.A. MAYER | DATE: 10MAY2005 | | Tyco Electronics Corporation Harrisburg, Pa 17105-3608 |
| CHEK: J. WESTMAN | DATE: 10MAY2005 | | INVERTED MODULAR JACK ASSEMBLY, 1X4, SHIELDED, PANEL GROUND, WITH LED |
| DIMENSIONS: mm | TOLERANCES UNLESS OTHERWISE SPECIFIED: | PRODUCT SPEC: 108-1163-4 | RESTRICTED TO: |
| 0 PLC ± - | 1 PLC ± - | APPLICATION SPEC: 114-2154 | SIZE: A1 |
| 2 PLC ± 0.25(.01) | 3 PLC ± 0.13(.005) | WEIGHT: - | CAGE CODE: 00779 |
| 4 PLC ± - | ANGLES ± - | FINISH: SEE NOTE 1 | DRAWING NO: 5406552 |
| MATERIAL: SEE NOTE 1 | FINISH: SEE NOTE 1 | SCALE: 4:1 | SHEET 1 OF 2 |

CUSTOMER DRAWING



SUGGESTED PRINTED CIRCUIT BOARD LAYOUT
 (COMPONENT SIDE)



VIEW A
 (1-5406552-5 ONLY)

| | | | | |
|--|--|---|---|------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN T. SPRINKLE/L.A. MAYER 10MAY2005 | Tyco Electronics Corporation Harrisburg, Pa 17105-3608 | |
| DIMENSIONS: mm | | CHK J. WESTMAN 10MAY2005 | APVD S. FLICKINGER 10MAY2005 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | NAME INVERTED MODULAR JACK ASSEMBLY, 1X4, SHIELDED, PANEL GROUND, WITH LED | | |
| 0 PL ± - | | PRODUCT SPEC 108-1163-4 | | |
| 1 PL ± - | | APPLICATION SPEC 114-2154 | | |
| 2 PL ± 0.25(.01) | | SIZE A1 | CAGE CODE 00779 | DRAWING NO. 5406552 |
| 3 PL ± 0.13(.005) | | RESTRICTED TO - | | REVISION - |
| 4 PL ± - | | CUSTOMER DRAWING | | |
| ANGLES ± - | | SCALE 4:1 SHEET 2 OF 2 REV D | | |
| FINISH SEE NOTE 1 | | | | |