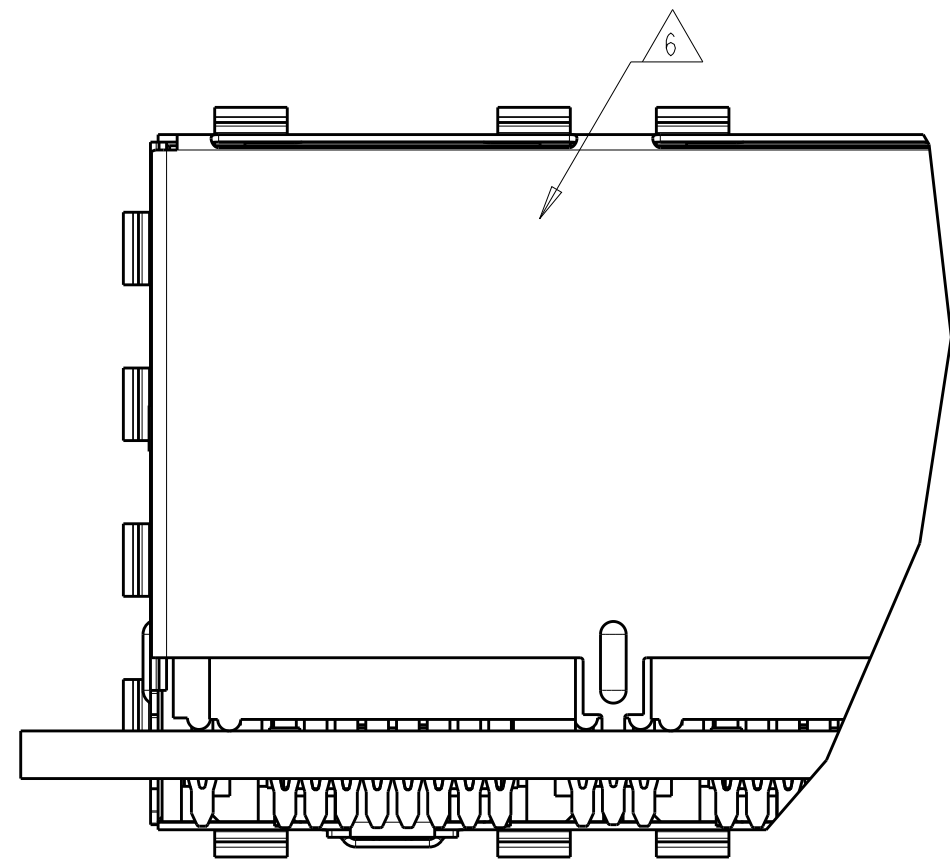
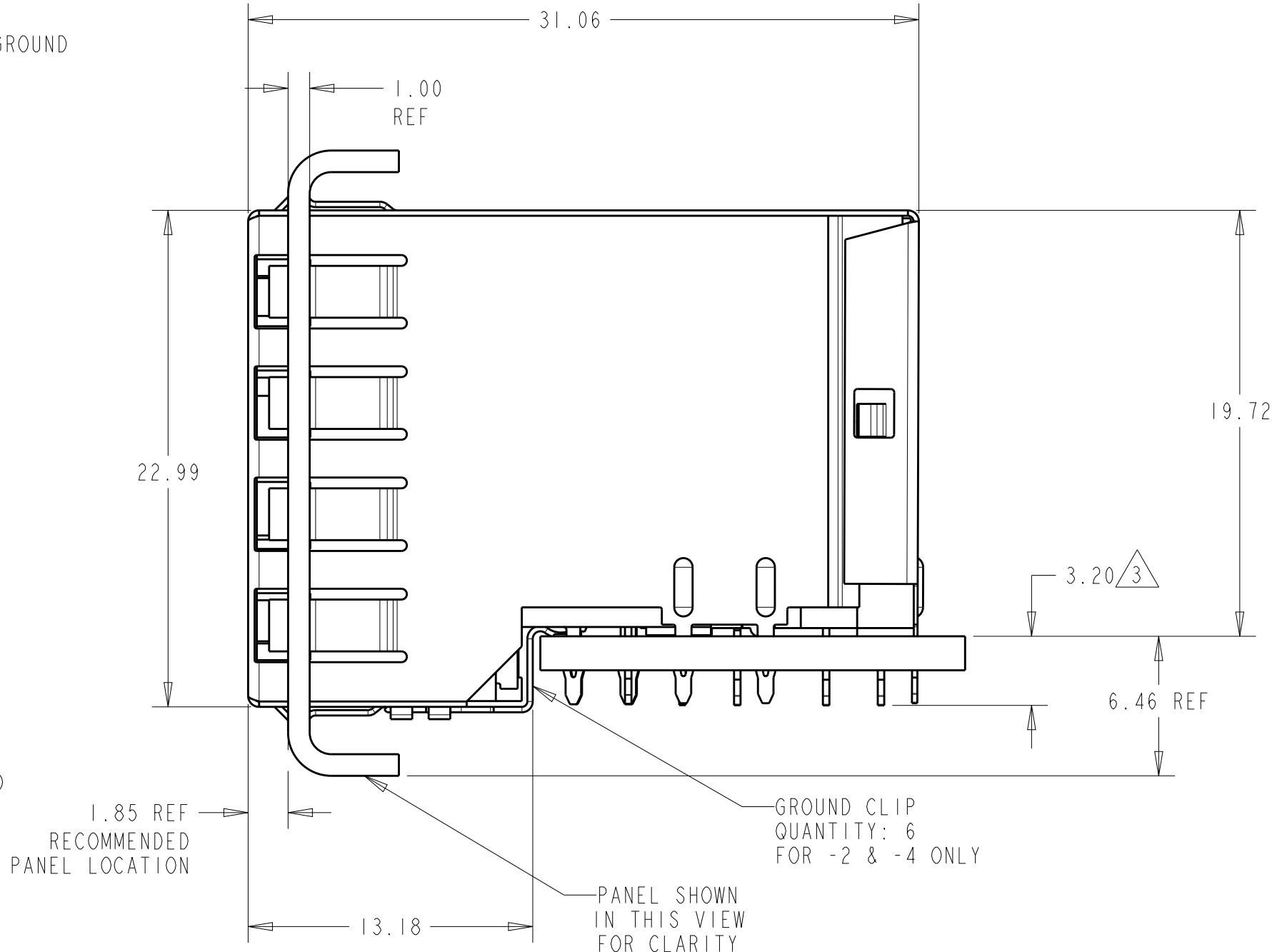
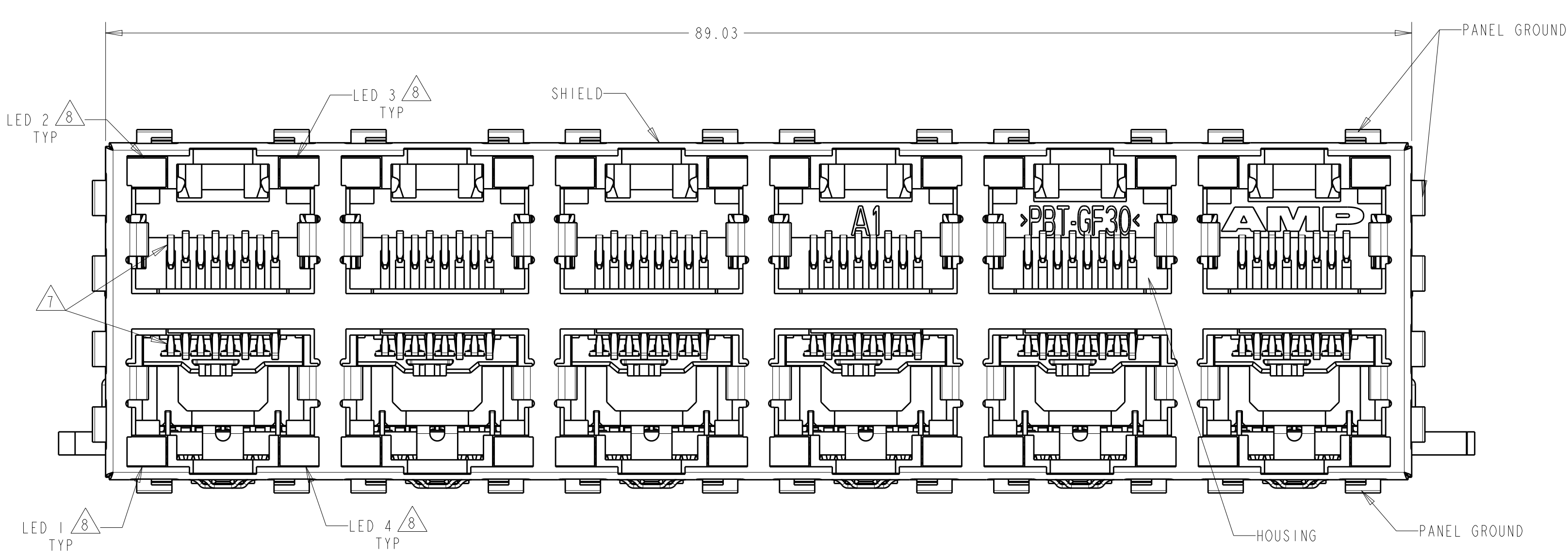
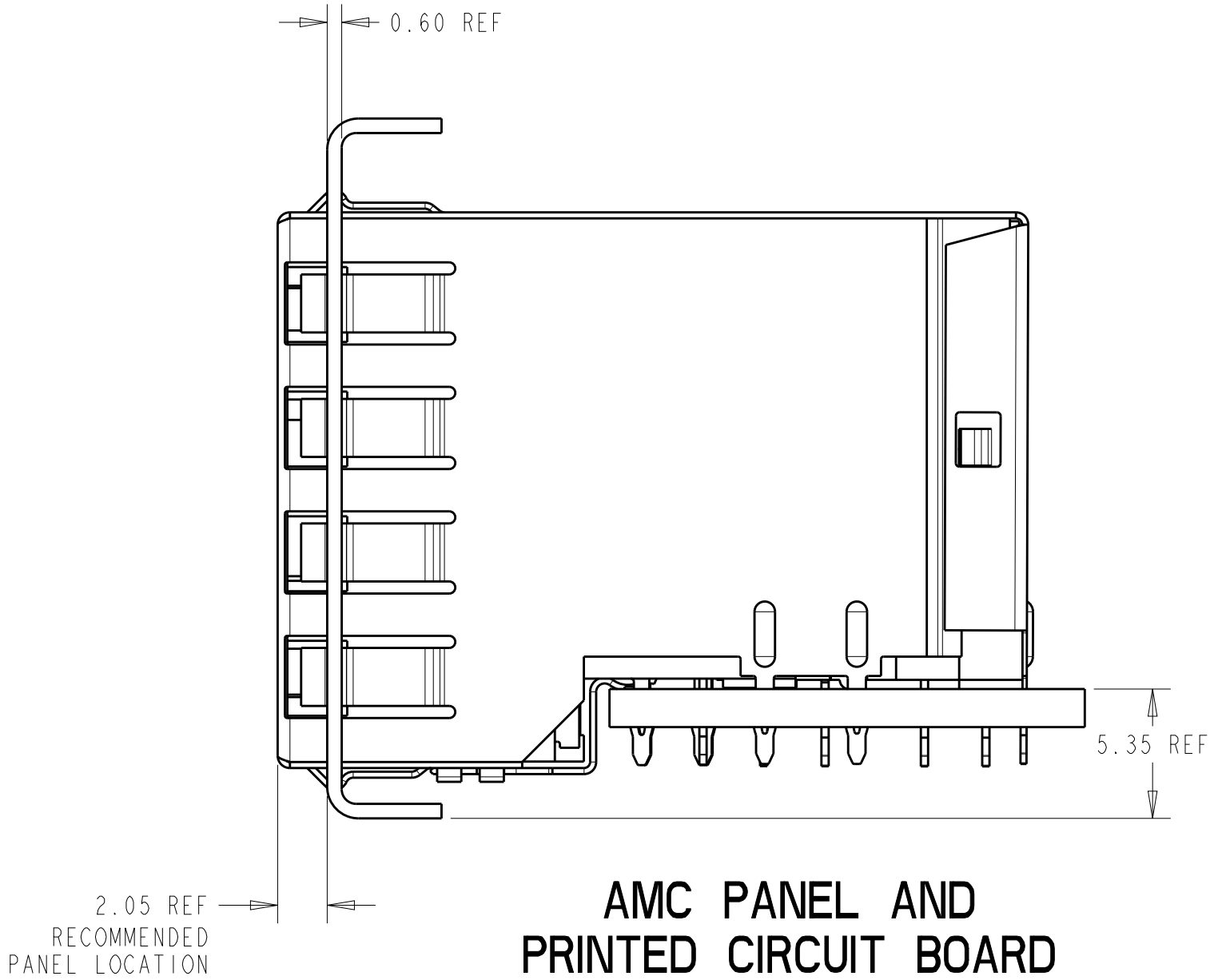


| REVISIONS |     |                       |           |     |      |
|-----------|-----|-----------------------|-----------|-----|------|
| P         | LTR | DESCRIPTION           | DATE      | DWN | APVD |
| B         |     | REV PER ECO-07-001858 | 28MAR2007 | RG  | JW   |
| B1        |     | ADDED NEW DASH NUMBER | 23MAY2008 | DZ  | SY   |
| B2        |     | ECR-08-020353         | 13AUG2008 | AL  | SY   |
| C         |     | ECO-15-006810         | 22JAN2016 | LL  | SH   |



### ATCA PANEL AND PRINTED CIRCUIT BOARD ASSEMBLY LAYOUT



### AMC PANEL AND PRINTED CIRCUIT BOARD ASSEMBLY LAYOUT

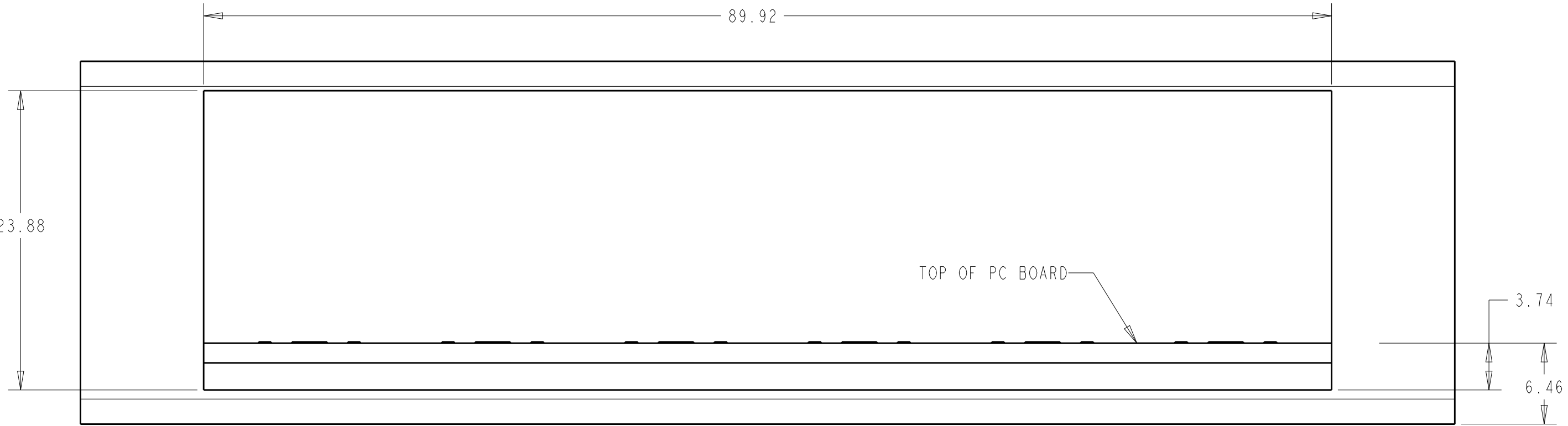
- MATERIAL:  
HOUSING:  
PBT POLYESTER, BLACK, UL 94V-0  
TERMINALS:  
0.33 THICK PHOSPHOR BRONZE PLATED WITH 1.27µm MINIMUM THICK HARD GOLD IN LOCALIZED AREA AND 2.0µm MINIMUM THICK MATTE TIN IN COMPLIANT PIN TERMINAL AREA  
OVER 1.27µm MINIMUM THICK NICKEL UNDERPLATE  
SHIELD:  
0.25 THICK COPPER ALLOY PLATED WITH 2.03µm MINIMUM TIN OVER 1.27 µm MINIMUM NICKEL  
GROUND CLIP: 0.25 THICK COPPER ALLOY PRE-PLATED WITH 2.03µm MINIMUM MATTE TIN OVER 1.27µm MINIMUM NICKEL  
LIGHT EMITTING DIODE (LED):  
DIFFUSED EPOXY LENS, 12.95 CARBON STEEL WIREFRAME LEADS PREPLATED WITH 8.89µm THICK Sn/Cu OVER 2.03µm THICK Ag OVER 1.02µm THICK Cu OVER 3.56µm THICK Ni OVER 1.02µm THICK Cu UNDERPLATE  
LED COMPLIANT PIN CONTACTS:  
0.3 THICK BRASS PLATED WITH 2µm MINIMUM MATTE TIN OVER 1.27µm MINIMUM NICKEL UNDERPLATE.
- JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS, PART 68 SUBPART F.
- MAXIMUM PIN LENGTH 3.40 FROM TOP SURFACE OF PC BOARD
- FINISHED PLATED THROUGH HOLE DIAMETER - ANNULAR RING DIAMETER 1.3 TO 1.5
- DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER
- DATE CODE LOCATED ON REAR OF PART APPROXIMATELY AS SHOWN
- CONTACTS ARE NOT INTENDED TO BE ALIGNED WITH EACH OTHER
- SUGGESTED OPERATING CURRENT FOR LEDS IS 20mA
- NO PANEL GROUNDS.

|       |       |                         |                         |                        |                        |                     |                |
|-------|-------|-------------------------|-------------------------|------------------------|------------------------|---------------------|----------------|
| 9     | 15.88 | GREEN/YELLOW            | GREEN/YELLOW            | GREEN/YELLOW           | GREEN/YELLOW           | WITH GROUND CLIP    | 1888509-5      |
|       | 15.88 | GREEN/YELLOW            | GREEN/YELLOW            | GREEN/YELLOW           | GREEN/YELLOW           | WITH GROUND CLIP    | 1888509-4      |
|       | 16.13 | YELLOW                  | YELLOW                  | GREEN                  | GREEN                  | WITHOUT GROUND CLIP | 1888509-3      |
|       | 15.88 | GREEN                   | GREEN                   | GREEN                  | GREEN                  | WITH GROUND CLIP    | 1888509-2      |
|       | 16.13 | GREEN                   | GREEN                   | GREEN                  | GREEN                  | WITHOUT GROUND CLIP | 1888509-1      |
| M DIM |       | LED #4<br>(LOWER-RIGHT) | LED #3<br>(UPPER-RIGHT) | LED #2<br>(UPPER-LEFT) | LED #1<br>(LOWER-LEFT) | DESCRIPTION         | PART<br>NUMBER |

|                                                                  |  |                                                      |                                                                                                                                           |
|------------------------------------------------------------------|--|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                           |  | DWN<br>L.A.MAYER 28OCT2006                           | NAME<br><b>STE</b> TE Connectivity<br>STACKED MOD JACK ASSEMBLY, 2 X 6,<br>8 POSN, W/LEDS, RJ45, SHIELDED,<br>PANEL GROUND, OFFSET, CAT 5 |
| DIMENSIONS:                                                      |  | CHK<br>J.WESTMAN 28OCT2006                           |                                                                                                                                           |
| mm                                                               |  | APVD<br>S.FLICKINGER 28OCT2006                       |                                                                                                                                           |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:                           |  | PRODUCT SPEC                                         |                                                                                                                                           |
| 0 PLC ±<br>2 PLC ±<br>3 PLC ±<br>4 PLC ±<br>ANGLES ±1°<br>FINISH |  | 108-1854<br>APPLICATION SPEC<br>114-2160<br>WEIGHT - |                                                                                                                                           |
| MATERIAL<br>SEE NOTE 1                                           |  | SIZE<br>A1                                           | RESTRICTED TO                                                                                                                             |
| SEE NOTE 1                                                       |  | CAGE CODE<br>00779                                   |                                                                                                                                           |
| CUSTOMER DRAWING                                                 |  | DRAWING NO<br>C=1888509                              |                                                                                                                                           |
| SCALE<br>4:1                                                     |  | SHEET<br>1                                           | OF<br>2                                                                                                                                   |
|                                                                  |  | REV<br>C                                             |                                                                                                                                           |

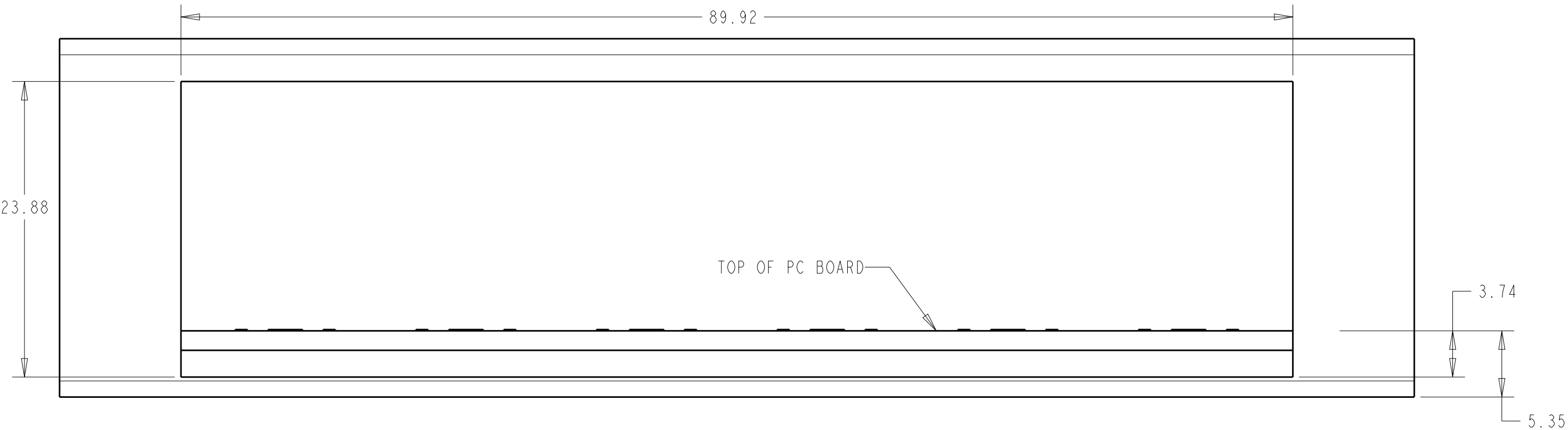


| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LTR | DESCRIPTION | DATE | DWN | APVD |
| -         | -   | SEE SHEET 1 | -    | -   | -    |
|           |     |             |      |     |      |
|           |     |             |      |     |      |
|           |     |             |      |     |      |



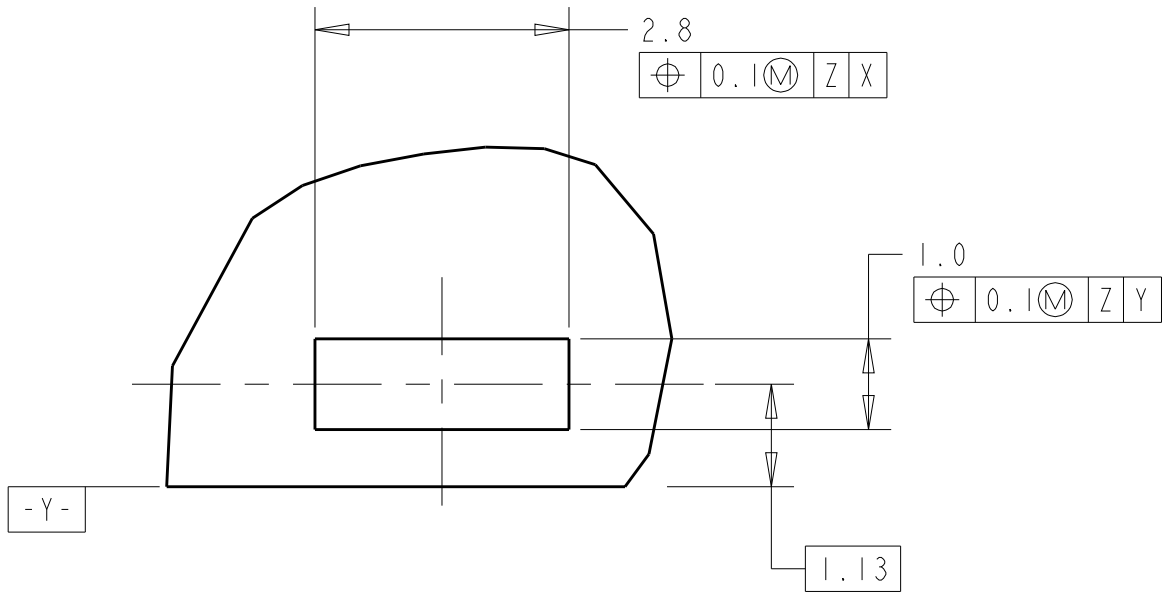
ATCA PANEL AND  
PRINTED CIRCUIT BOARD LAYOUT

SCALE 3:1

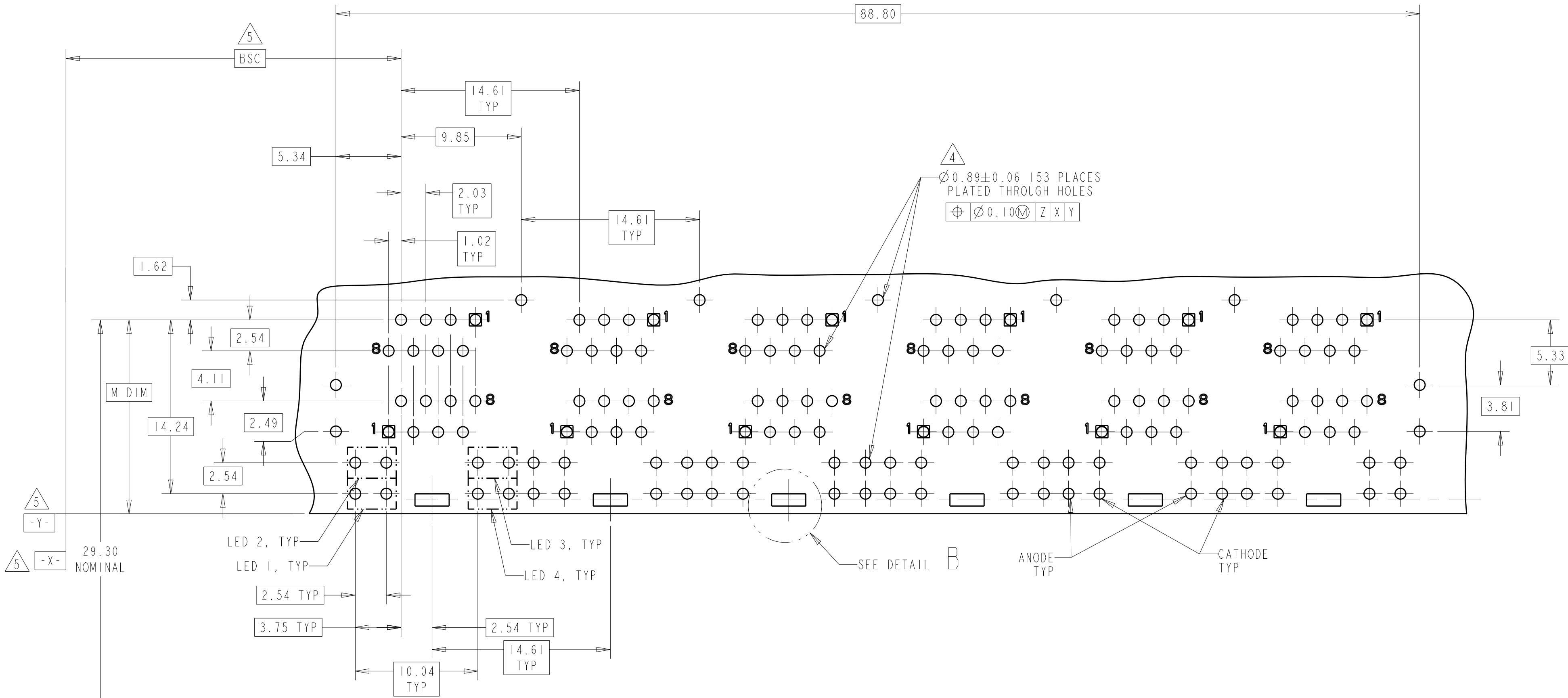


AMC PANEL AND  
PRINTED CIRCUIT BOARD LAYOUT

SCALE 3:1

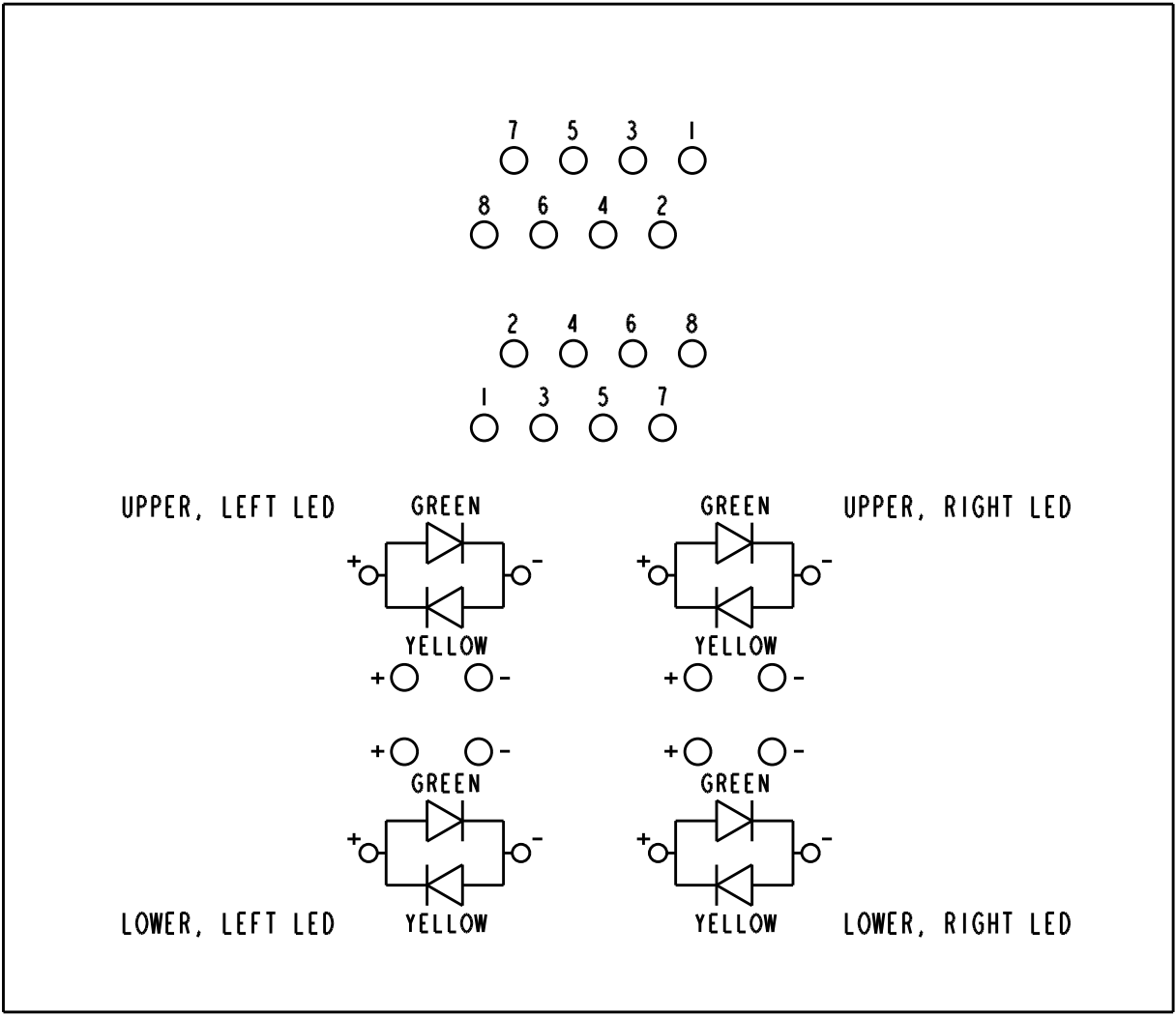


DETAIL B  
SCALE 12:1  
PLATED PADS REQUIRED FOR  
188509-2 & -4 (PRODUCT WITH  
GROUNDING CLIPS)



PC BOARD LAYOUT  
(COMPLIANT SIDE)

FRONT OF CONNECTOR



BI-COLOR LED SCHEMATIC  
FOR 188509-4,5  
SCALE 4:1

|                                                                                                                 |  |                                |                                                                                                             |  |
|-----------------------------------------------------------------------------------------------------------------|--|--------------------------------|-------------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                                          |  | DWN<br>L.A.MAYER 28OCT2006     | TE Connectivity                                                                                             |  |
| DIMENSIONS:<br>mm                                                                                               |  | CHK<br>J.WESTMAN 28OCT2006     |                                                                                                             |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ±<br>1 PLC ±0.13<br>2 PLC ±<br>3 PLC ±<br>4 PLC ±<br>ANGLES ±1° |  | APVD<br>S.FLICKINGER 28OCT2006 | NAME<br>STACKED MOD JACK ASSEMBLY, 2 X 6,<br>8 POSN, W/LEDs, RJ45, SHIELDED,<br>PANEL GROUND, OFFSET, CAT 5 |  |
|                                                                                                                 |  | PRODUCT SPEC<br>108-1854       |                                                                                                             |  |
| MATERIAL<br>SEE NOTE 1                                                                                          |  | APPLICATION SPEC<br>114-2160   | SIZE<br>A1                                                                                                  |  |
| SEE NOTE 1                                                                                                      |  | WEIGHT<br>-                    |                                                                                                             |  |
| CUSTOMER DRAWING                                                                                                |  | SCALE<br>4:1                   | SHEET<br>2 OF 2                                                                                             |  |

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: [org@lifeelectronics.ru](mailto:org@lifeelectronics.ru)

[www.lifeelectronics.ru](http://www.lifeelectronics.ru)