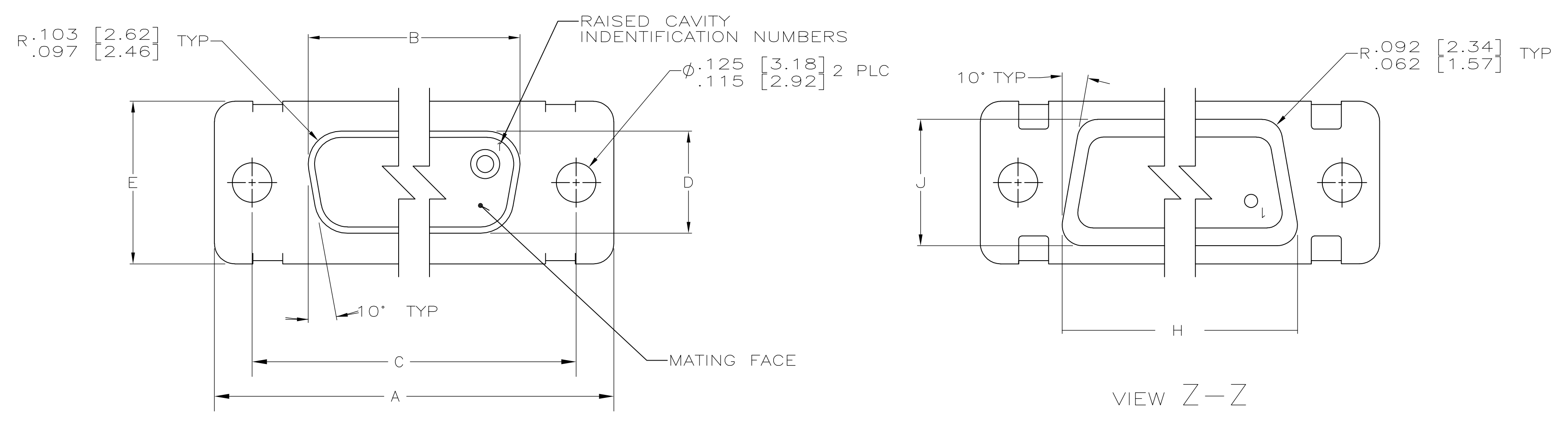


| LOC | | DIST | | REVISIONS | | | |
|-----|-------------|---------------|---------|-----------|------|--|--|
| P | LTR | DESCRIPTION | DATE | DN | APVD | | |
| D1 | REVISED PER | ECO-11-005030 | 11MAR11 | RK | HMR | | |



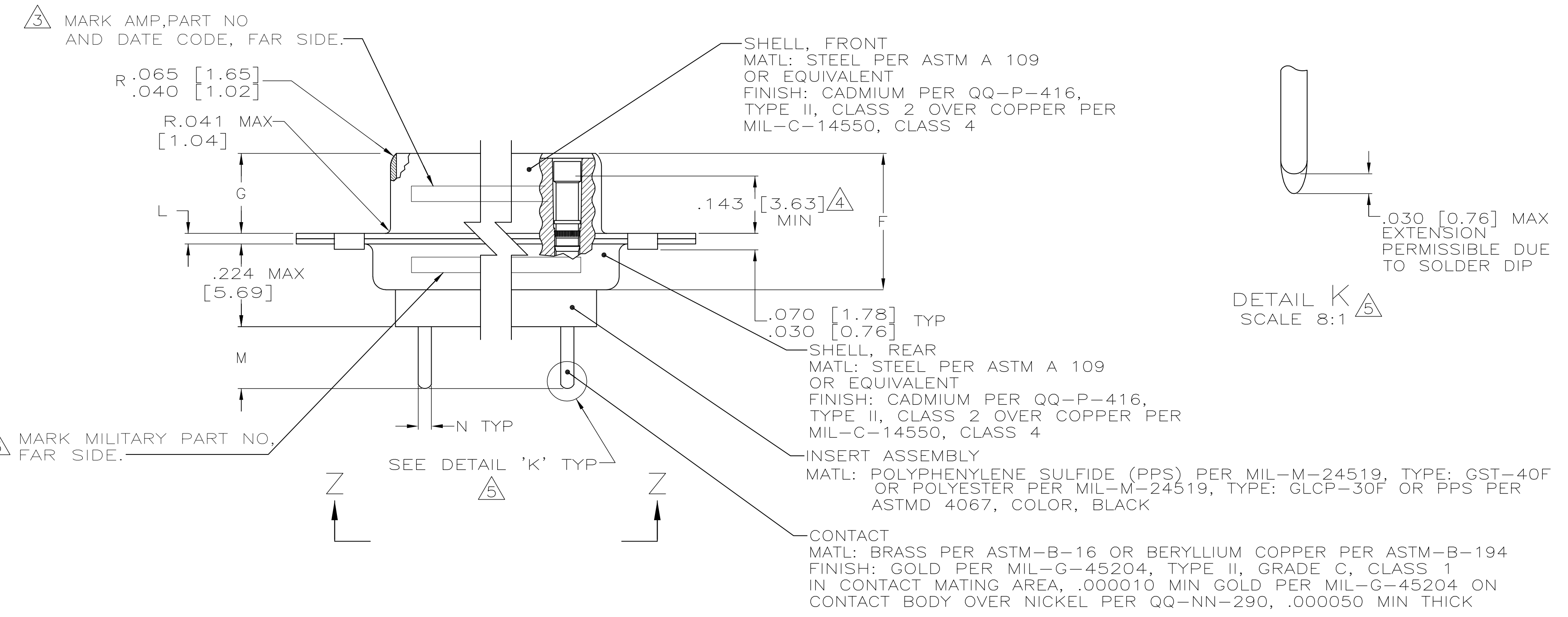
VIEW Z-Z

- SEE SHEET 2 FOR RECOMMENDED P.C. BOARD LAYOUT. TRUE POSITION TOLERANCE FOR P.C. BOARD LAYOUT IS .010 [0.25] AT MAX MATERIAL CONDITION. SUGGESTED BOARD THICKNESS IS .125 [3.18]
- THE CONNECTORS DESCRIBED IN THIS DOCUMENT MEET THE REQUIREMENTS OF MIL-C-24308 AND MATE WITH ANY PLUG CONNECTOR WITH SAME INSERT ARRANGEMENT.
- MARK WITH .047 [1.19]-.062 [1.57] HIGH CHARACTERS. FAR SIDE REFERS TO THE WIDE SIDE OF THE KEYSTONE. NEAR SIDE REFERS TO THE NARROW SIDE OF THE KEYSTONE. IF THE REAR SHELL IS TOO SMALL FOR THE ENTIRE MILITARY PART NUMBER, MARKING SHALL BE LOCATED AS FOLLOWS:
 - "M24308" ON FRONT SHELL, FAR SIDE.
 - SLASH SHEET AND DASH NUMBER ON REAR SHELL, FAR SIDE.
 - "AMP" AND DATE CODE ON FRONT SHELL, NEAR SIDE.
 - PART NUMBER ON REAR SHELL, NEAR SIDE.

IF THE FRONT SHELL IS TOO SMALL FOR "AMP", PART NUMBER AND DATE CODE, THEN SPLIT AS FOLLOWS:

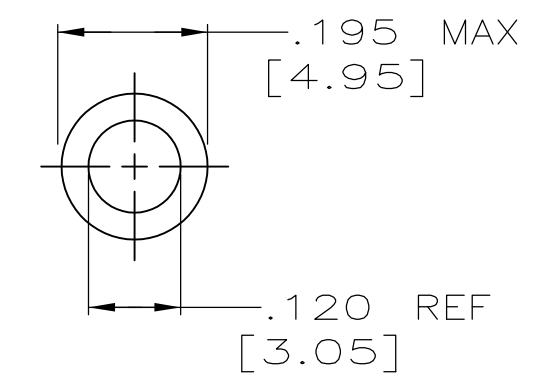
- PART NUMBER ON REAR SHELL, NEAR SIDE.
- "AMP" AND DATE CODE ON FRONT SHELL, NEAR SIDE.
- MILITARY PART NUMBER ON REAR SHELL, FAR SIDE.

- POINT OF ELECTRICAL ENGAGEMENT - AS MEASURED WITH A .0390 [0.991]-.0393 [0.998] DIA SQUARE ENDED TEST PIN.
- SOLDER DIP PER MIL-STD-2000 COMPOSITION Sn63 CONFORMING TO QQ-S-571. COVERAGE SHALL BE COMPLETE TO A DISTANCE .020 [0.51] MAX FROM INSERT ASSEMBLY.
- THE SOLDER DIP PROCESS IS PERFORMED SUBSEQUENT TO THE COMPLETION OF PRODUCTION OF THE MILITARY QUALIFIED CONNECTOR. DIMENSIONS APPLY PRIOR TO SOLDER DIPPING.
- SPACERS (QTY 2) ARE SUPPLIED WITH CONNECTORS (NOT ATTACHED TO THE CONNECTOR).
- DIMENSIONS AND TOLERANCES PER ANSI Y14.5M-1982.
- THIS DRAWING SHALL BE INTERPRETED IN ACCORDANCE WITH APPLICABLE STANDARDS LISTED IN MIL-STD-100.



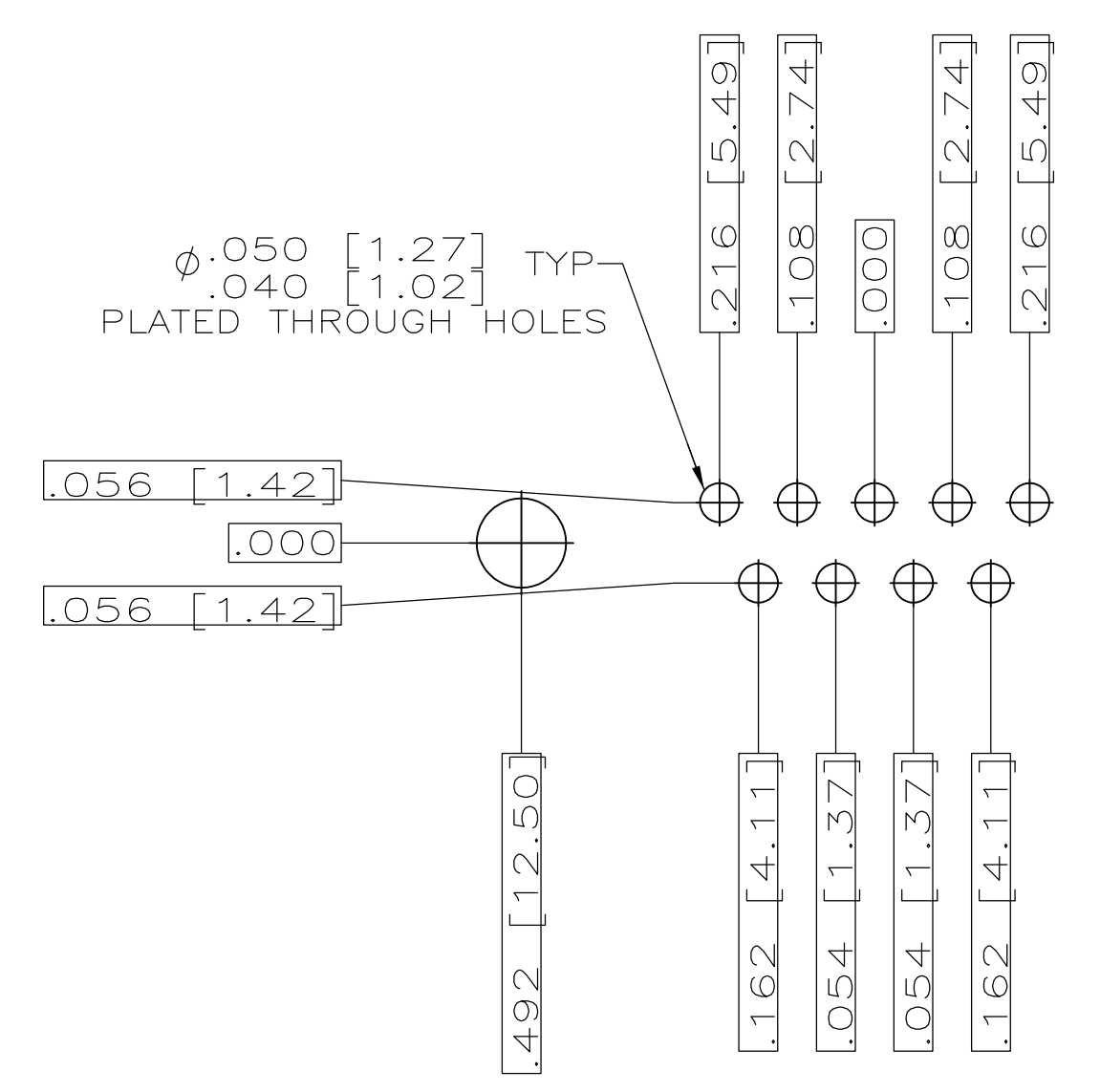
DETAIL K SCALE 8:1

| N | M | L | J | H | G | F | E | D | C | B | A | INSERT ARRANGEMENT | NO OF POS | SHELL SIZE | MILITARY P/N ON CONNECTOR | P/N ON CONNECTOR | PART NUMBER |
|------------------------------|------------------------------|------------------------------|--------------------------------|--------------------------------|----------------------------|------------------------------|------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------|-----------|------------|---------------------------|------------------|-------------|
| .033 [0.84] .027 [0.69] | .208 [5.28] .168 [4.27] | .040 [1.02] .020 [0.51] | .544 [13.82] .524 [13.31] | 2.188 [55.58] 2.168 [55.07] | .248 [6.30] .238 [6.05] | .439 [11.15] .419 [10.64] | .620 [15.75] .590 [14.99] | .428 [10.87] .418 [10.62] | 2.411 [61.24] 2.401 [60.99] | 2.069 [52.55] 2.059 [52.30] | 2.650 [67.31] 2.620 [66.55] | MS18277-1 | 50 | 5 | M24308/23-11F | 443976-5 | 1-443976-0 |
| | | | | | | | | | | | | MS18276-1 | 37 | 4 | M24308/23-10F | 443976-4 | 443976-9 |
| .432 [10.97] .412 [10.46] | .093 [27.76] .073 [27.25] | .769 [19.53] .749 [19.02] | 1.635 [41.53] 1.615 [41.02] | 1.093 [27.76] 1.073 [27.25] | .316 [8.03] .306 [7.77] | .509 [12.93] .479 [12.17] | .316 [8.03] .306 [7.77] | 1.857 [47.17] 1.847 [46.91] | 1.516 [38.51] 1.506 [38.25] | 2.103 [53.42] 2.073 [52.65] | 1.556 [39.52] 1.526 [38.76] | MS18275-1 | 25 | 3 | M24308/23-9F | 443976-3 | 443976-8 |
| | | | | | | | | | | | | MS18274-1 | 15 | 2 | M24308/23-8F | 443976-2 | 443976-7 |
| .033 [0.84] .027 [0.69] | .208 [5.28] .168 [4.27] | .040 [1.02] .020 [0.51] | .544 [13.82] .524 [13.31] | 2.188 [55.58] 2.168 [55.07] | .248 [6.30] .238 [6.05] | .439 [11.15] .419 [10.64] | .620 [15.75] .590 [14.99] | .428 [10.87] .418 [10.62] | 2.411 [61.24] 2.401 [60.99] | 2.069 [52.55] 2.059 [52.30] | 2.650 [67.31] 2.620 [66.55] | MS18273-1 | 9 | 1 | M24308/23-7F | 443976-1 | 443976-6 |
| | | | | | | | | | | | | MS18277-1 | 50 | 5 | M24308/23-11F | 443976-5 | 443976-5 |
| .432 [10.97] .412 [10.46] | .093 [27.76] .073 [27.25] | .769 [19.53] .749 [19.02] | 1.635 [41.53] 1.615 [41.02] | 1.093 [27.76] 1.073 [27.25] | .316 [8.03] .306 [7.77] | .509 [12.93] .479 [12.17] | .316 [8.03] .306 [7.77] | 1.857 [47.17] 1.847 [46.91] | 1.516 [38.51] 1.506 [38.25] | 2.103 [53.42] 2.073 [52.65] | 1.556 [39.52] 1.526 [38.76] | MS18276-1 | 37 | 4 | M24308/23-10F | 443976-4 | 443976-4 |
| | | | | | | | | | | | | MS18275-1 | 25 | 3 | M24308/23-9F | 443976-3 | 443976-3 |
| .033 [0.84] .027 [0.69] | .208 [5.28] .168 [4.27] | .040 [1.02] .020 [0.51] | .544 [13.82] .524 [13.31] | 2.188 [55.58] 2.168 [55.07] | .248 [6.30] .238 [6.05] | .439 [11.15] .419 [10.64] | .620 [15.75] .590 [14.99] | .428 [10.87] .418 [10.62] | 2.411 [61.24] 2.401 [60.99] | 2.069 [52.55] 2.059 [52.30] | 2.650 [67.31] 2.620 [66.55] | MS18274-1 | 15 | 2 | M24308/23-8F | 443976-2 | 443976-2 |
| | | | | | | | | | | | | MS18273-1 | 9 | 1 | M24308/23-7F | 443976-1 | 443976-1 |

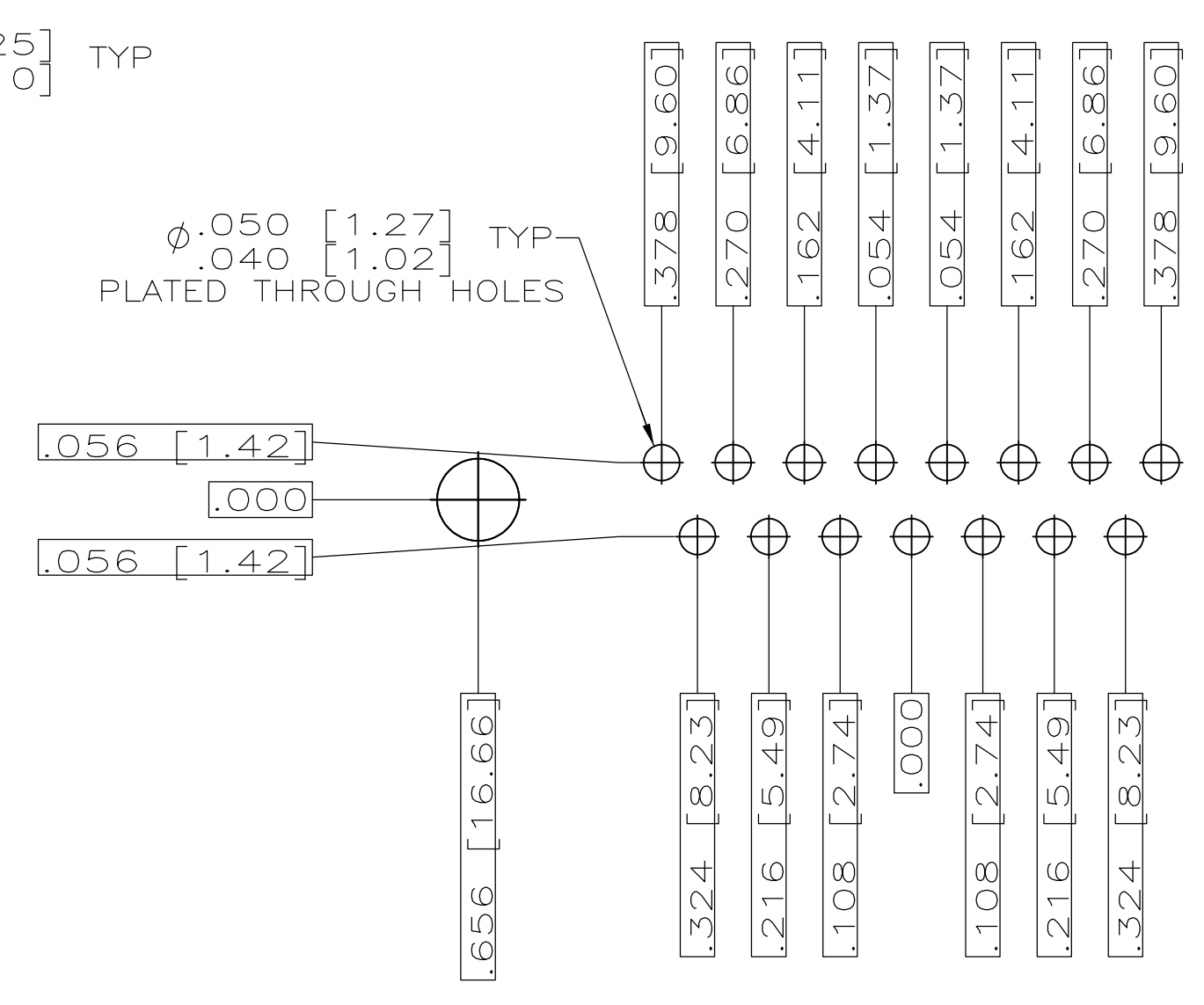


SPACER
MATL: ALUMINUM ALLOY PER ASTM B 211
FINISH: IRIDITE PER MIL-C-5541, CLASS 3, COLOR GOLD

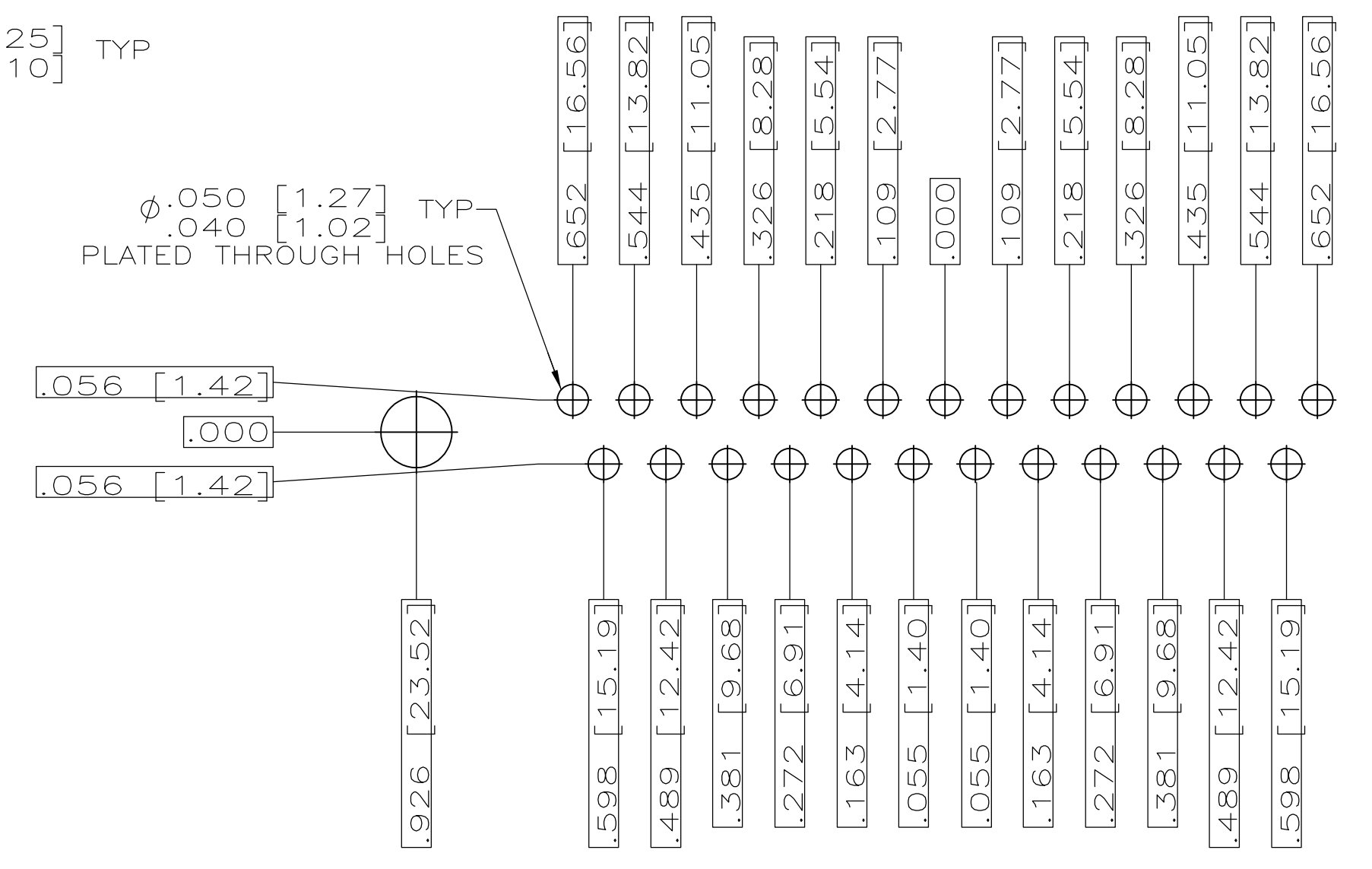
| | | | | | |
|--|--|-----------------------|-----------|---------------------|------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DIN J.A. BAKER DSMA97 | | STE TE Connectivity | |
| DIMENSIONS: INCHES | TOLERANCES UNLESS OTHERWISE SPECIFIED: | APVD | NAME | PRODUCT SPEC | APPLICATION SPEC |
| 0 PLC ± - | 1 PLC ± - | 2 PLC ± - | 3 PLC ± - | 4 PLC ± - | ANGLES ± - |
| MATERIAL | FINISH | WEIGHT | SIZE | CAGE CODE | DRAWING NO |
| | | | A1 | 00779 | 443976 |
| CUSTOMER DRAWING | | | SCALE | SHEET | REV |
| | | | 4:1 | 1 OF 2 | D1 |



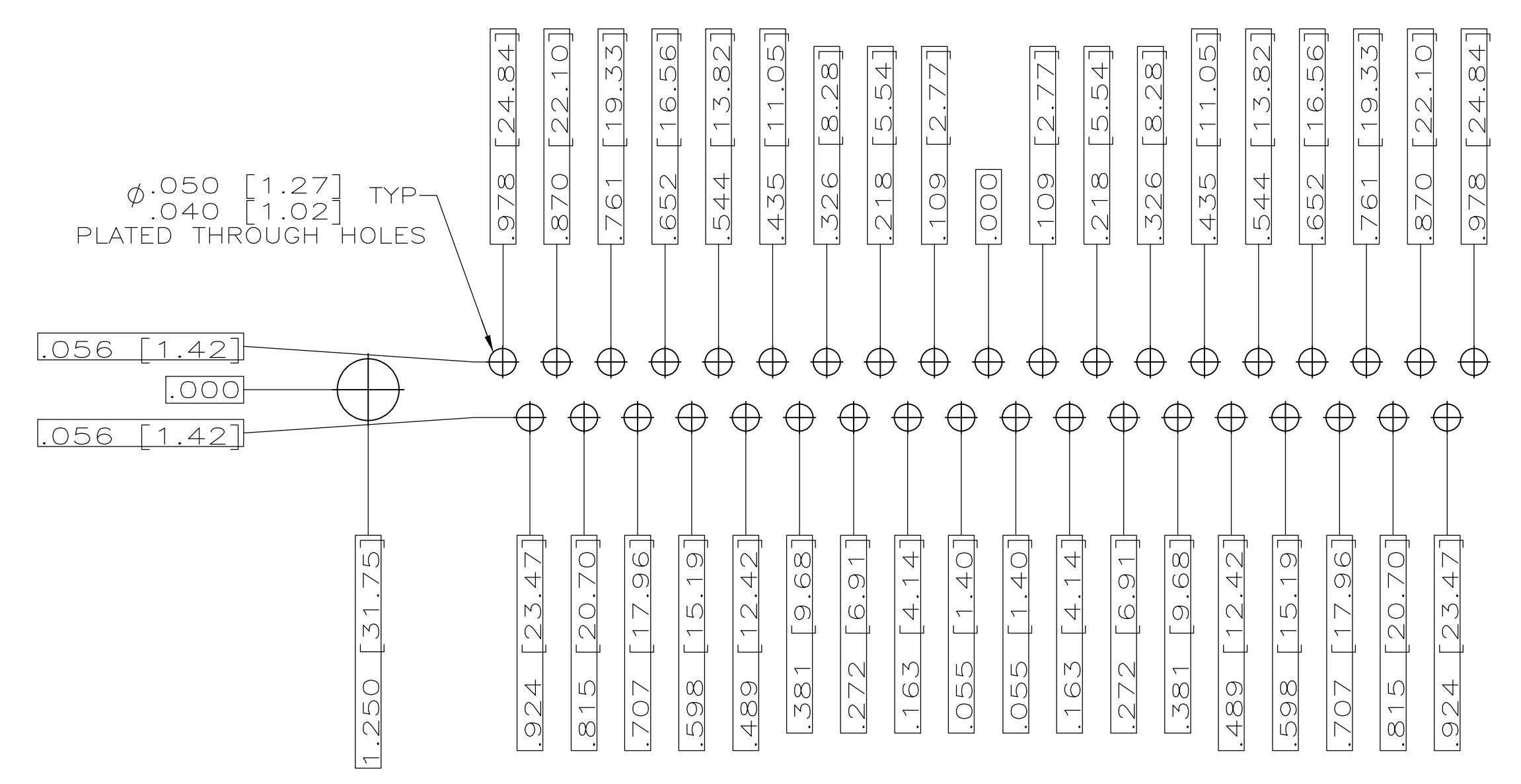
RECOMMENDED P.C. BOARD LAYOUT
SHELL SIZE 1 (9 POSITION) ⚠



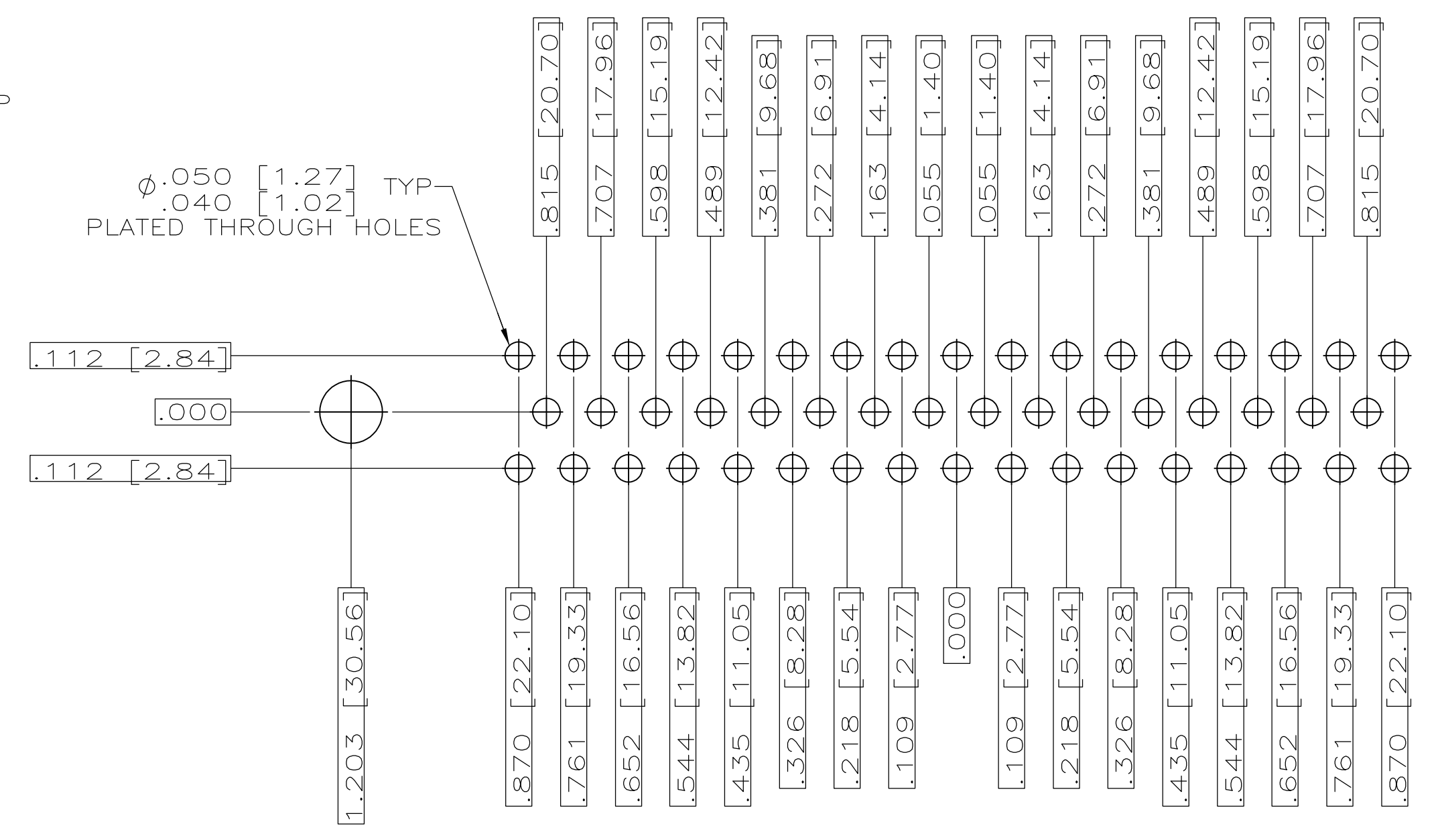
RECOMMENDED P.C. BOARD LAYOUT
SHELL SIZE 2 (15 POSITION) ⚠



RECOMMENDED P.C. BOARD LAYOUT
SHELL SIZE 3 (25 POSITION) ⚠



RECOMMENDED P.C. BOARD LAYOUT
SHELL SIZE 4 (37 POSITION) ⚠



RECOMMENDED P.C. BOARD LAYOUT
SHELL SIZE 5 (50 POSITION) ⚠

| | | | | |
|---|------------------------|------------------------------|-----------------|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN J.A. Baker 15MAY98 | 05MAY97 | TE Connectivity |
| DIMENSIONS: INCHES | | CHK G. OVER | NAME | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | PRODUCT SPEC MIL-C-24308 | | AMPLIMITE RECEPTACLE ASSY WITH SIZE 20 STRAIGHT POSTED P.C. BOARD CONTACTS, SERIES 109, |
| 0 PLC ± .005 1 PLC ± .005 2 PLC ± .005 3 PLC ± .005 4 PLC ± .005 ALL DIMENSIONS ± .005 | | APPLICATION SPEC | | |
| MATERIAL SEE CALLOUTS | FINISH SEE CALLOUTS | WEIGHT | SIZE A1 | DATE CODE 00779 |
| CUSTOMER DRAWING | | SCALE 4:1 | SHEET 2 of 2 | REV D1 |

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

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- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
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- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
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- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

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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.



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Email: org@lifeelectronics.ru