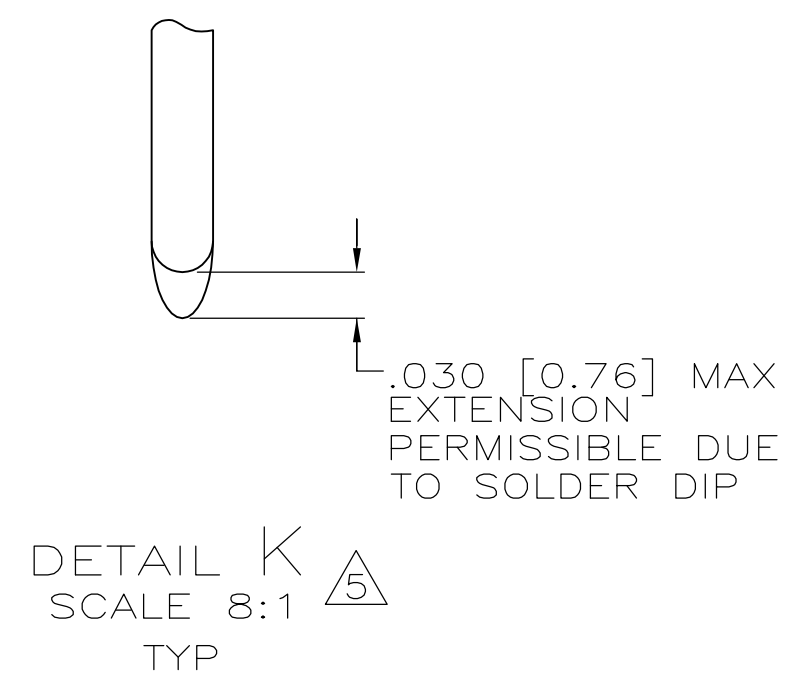
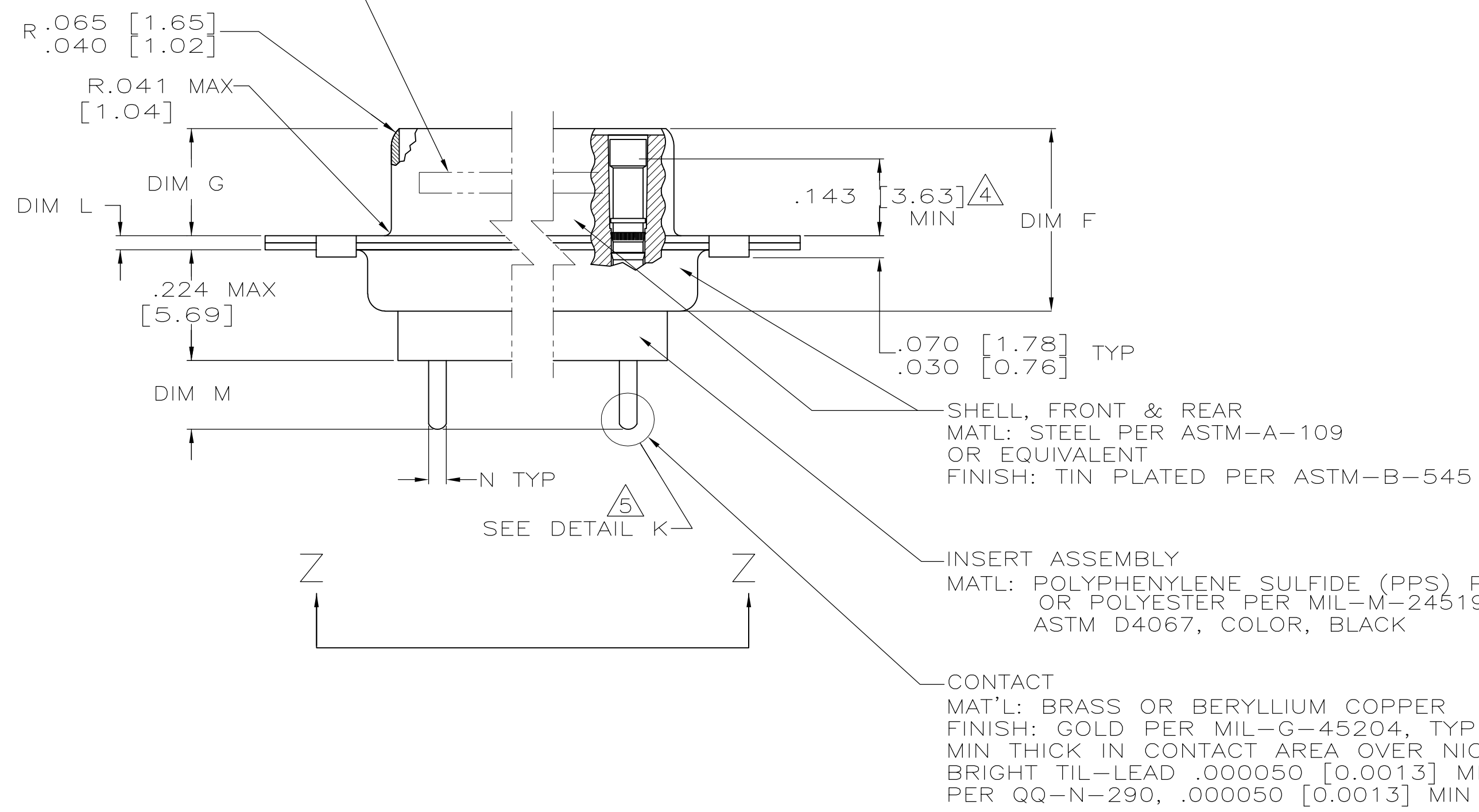
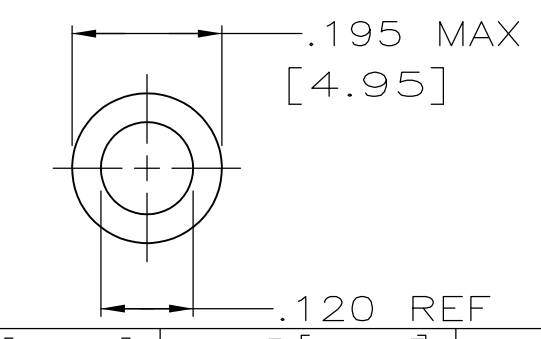
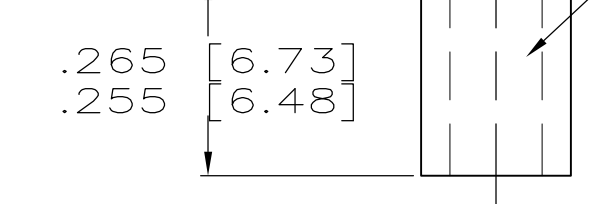


- 1. SEE SHEET 2 FOR RECOMMENDED P.C. BOARD LAYOUT. TRUE POSITION TOLERANCE FOR P.C. BOARD LAYOUT IS .010 [0.25] AT MAX MATERIAL CONDITION. SUGGESTED BOARD THICKNESS IS .125 [3.18]
- 2. THE CONNECTORS DESCRIBED IN THIS DOCUMENT WILL MATE WITH ANY PLUG CONNECTOR WITH THE SAME INSERT ARRANGEMENT.
- 3. MARKED 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 FRONT SHELL IS TOO SMALL FOR "TE", TE PART NUMBER AND DATE CODE, THEN SPLIT AS FOLLOWS:
 - A. TE PART NUMBER ON REAR SHELL, NEAR SIDE.
 - B. "TE" AND DATE CODE ON FRONT SHELL, NEAR SIDE.
- 4. POINT OF ELECTRICAL ENGAGEMENT - AS MEASURED WITH A .0390 [0.991]-.0393 [0.998] DIA SQUARE ENDED TEST PIN.
- 5. SOLDER DIPPED 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.
- 6. SPACERS (QTY 2) ARE SUPPLIED WITH CONNECTORS (NOT ATTACHED TO THE CONNECTOR).
- 7. DIMENSIONS APPLY PRIOR TO SOLDER DIPPING.

3 MARK TE, TE PART NO AND DATE CODE, FAR SIDE.



6 SPACER
MAT'L: ALUMINUM ALLOY PER ASTM-B-211
FINISH: IRIDITE PER MIL-C-5541, CLASS 3, COLOR GOLD



.033 [0.84]	.176 [4.47]	.040 [1.02]	.544 [13.82]	2.188 [55.58]	.248 [6.30]	.439 [11.15]	.620 [15.75]	.428 [10.87]	2.411 [61.24]	2.069 [52.55]	2.650 [67.31]	MS18277-1	50	5	1218293-5	1-1218293-0
.027 [0.69]	.136 [3.45]	.020 [0.51]	.524 [13.31]	2.168 [55.07]	.238 [6.05]	.419 [10.64]	.590 [14.99]	.418 [10.62]	2.401 [60.99]	2.059 [52.30]	2.620 [66.55]	MS18276-1	37	4	1218293-4	1218293-9
.033 [0.84]	.176 [4.47]	.040 [1.02]	.432 [10.97]	2.282 [57.96]	.248 [6.30]	.439 [11.15]	.509 [12.93]	.316 [8.03]	2.505 [63.63]	2.164 [54.97]	2.744 [69.70]	MS18275-1	25	3	1218293-3	1218293-8
.027 [0.69]	.136 [3.45]	.020 [0.51]	.412 [10.46]	2.262 [57.45]	.238 [6.05]	.419 [10.64]	.479 [12.17]	.306 [7.77]	2.495 [63.37]	2.154 [54.71]	2.714 [68.94]	MS18274-1	15	2	1218293-2	1218293-7
.033 [0.84]	.176 [4.47]	.040 [1.02]	.432 [10.97]	1.635 [41.53]	.248 [6.30]	.439 [11.15]	.509 [12.93]	.316 [8.03]	1.857 [47.17]	1.516 [38.51]	2.103 [53.42]	MS18273-1	9	1	1218293-1	1218293-6
.027 [0.69]	.136 [3.45]	.020 [0.51]	.412 [10.46]	1.615 [41.02]	.238 [6.05]	.419 [10.64]	.479 [12.17]	.306 [7.77]	1.847 [46.91]	1.506 [38.25]	2.073 [52.65]	MS18277-1	50	5	1218293-5	1218293-5
.033 [0.84]	.176 [4.47]	.040 [1.02]	.432 [10.97]	2.282 [57.96]	.248 [6.30]	.439 [11.15]	.509 [12.93]	.316 [8.03]	2.505 [63.63]	2.164 [54.97]	2.744 [69.70]	MS18276-1	37	4	1218293-4	1218293-4
.027 [0.69]	.136 [3.45]	.020 [0.51]	.412 [10.46]	2.262 [57.45]	.238 [6.05]	.419 [10.64]	.479 [12.17]	.306 [7.77]	2.495 [63.37]	2.154 [54.71]	2.714 [68.94]	MS18275-1	25	3	1218293-3	1218293-3
.033 [0.84]	.176 [4.47]	.040 [1.02]	.432 [10.97]	1.635 [41.53]	.248 [6.30]	.439 [11.15]	.509 [12.93]	.316 [8.03]	1.857 [47.17]	1.516 [38.51]	2.103 [53.42]	MS18274-1	15	2	1218293-2	1218293-2
.027 [0.69]	.136 [3.45]	.020 [0.51]	.412 [10.46]	1.615 [41.02]	.238 [6.05]	.419 [10.64]	.479 [12.17]	.306 [7.77]	1.847 [46.91]	1.506 [38.25]	2.073 [52.65]	MS18273-1	9	1	1218293-1	1218293-1
.033 [0.84]	.176 [4.47]	.040 [1.02]	.432 [10.97]	1.635 [41.53]	.248 [6.30]	.439 [11.15]	.509 [12.93]	.316 [8.03]	1.857 [47.17]	1.516 [38.51]	2.103 [53.42]	MS18277-1	50	5	1218293-5	1218293-5
.027 [0.69]	.136 [3.45]	.020 [0.51]	.412 [10.46]	1.615 [41.02]	.238 [6.05]	.419 [10.64]	.479 [12.17]	.306 [7.77]	1.847 [46.91]	1.506 [38.25]	2.073 [52.65]	MS18276-1	37	4	1218293-4	1218293-4
.033 [0.84]	.176 [4.47]	.040 [1.02]	.432 [10.97]	2.282 [57.96]	.248 [6.30]	.439 [11.15]	.509 [12.93]	.316 [8.03]	2.505 [63.63]	2.164 [54.97]	2.744 [69.70]	MS18275-1	25	3	1218293-3	1218293-3
.027 [0.69]	.136 [3.45]	.020 [0.51]	.412 [10.46]	2.262 [57.45]	.238 [6.05]	.419 [10.64]	.479 [12.17]	.306 [7.77]	2.495 [63.37]	2.154 [54.71]	2.714 [68.94]	MS18274-1	15	2	1218293-2	1218293-2
.033 [0.84]	.176 [4.47]	.040 [1.02]	.432 [10.97]	1.635 [41.53]	.248 [6.30]	.439 [11.15]	.509 [12.93]	.316 [8.03]	1.857 [47.17]	1.516 [38.51]	2.103 [53.42]	MS18273-1	9	1	1218293-1	1218293-1
.027 [0.69]	.136 [3.45]	.020 [0.51]	.412 [10.46]	1.615 [41.02]	.238 [6.05]	.419 [10.64]	.479 [12.17]	.306 [7.77]	1.847 [46.91]	1.506 [38.25]	2.073 [52.65]	MS18277-1	50	5	1218293-5	1218293-5
.033 [0.84]	.176 [4.47]	.040 [1.02]	.432 [10.97]	2.282 [57.96]	.248 [6.30]	.439 [11.15]	.509 [12.93]	.316 [8.03]	2.505 [63.63]	2.164 [54.97]	2.744 [69.70]	MS18276-1	37	4	1218293-4	1218293-4
.027 [0.69]	.136 [3.45]	.020 [0.51]	.412 [10.46]	2.262 [57.45]	.238 [6.05]	.419 [10.64]	.479 [12.17]	.306 [7.77]	2.495 [63.37]	2.154 [54.71]	2.714 [68.94]	MS18275-1	25	3	1218293-3	1218293-3
.033 [0.84]	.176 [4.47]	.040 [1.02]	.432 [10.97]	1.635 [41.53]	.248 [6.30]	.439 [11.15]	.509 [12.93]	.316 [8.03]	1.857 [47.17]	1.516 [38.51]	2.103 [53.42]	MS18274-1	15	2	1218293-2	1218293-2
.027 [0.69]	.136 [3.45]	.020 [0.51]	.412 [10.46]	1.615 [41.02]	.238 [6.05]	.419 [10.64]	.479 [12.17]	.306 [7.77]	1.847 [46.91]	1.506 [38.25]	2.073 [52.65]	MS18273-1	9	1	1218293-1	1218293-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES
 TOLERANCES UNLESS OTHERWISE SPECIFIED:
 0 PLC ± .0005
 1 PLC ± .0005
 2 PLC ± .0005
 3 PLC ± .0005
 4 PLC ± .0005
 ANGLES ± .0005

MATERIAL: SEE CALLOUTS
 FINISH: SEE CALLOUTS

WEIGHT: —
 CUSTOMER DRAWING: —

DWN: C.C. THOMAS 14OCT99
 CHK: D. HOFFMAN 18OCT99
 APVD: D. HOFFMAN 18OCT99

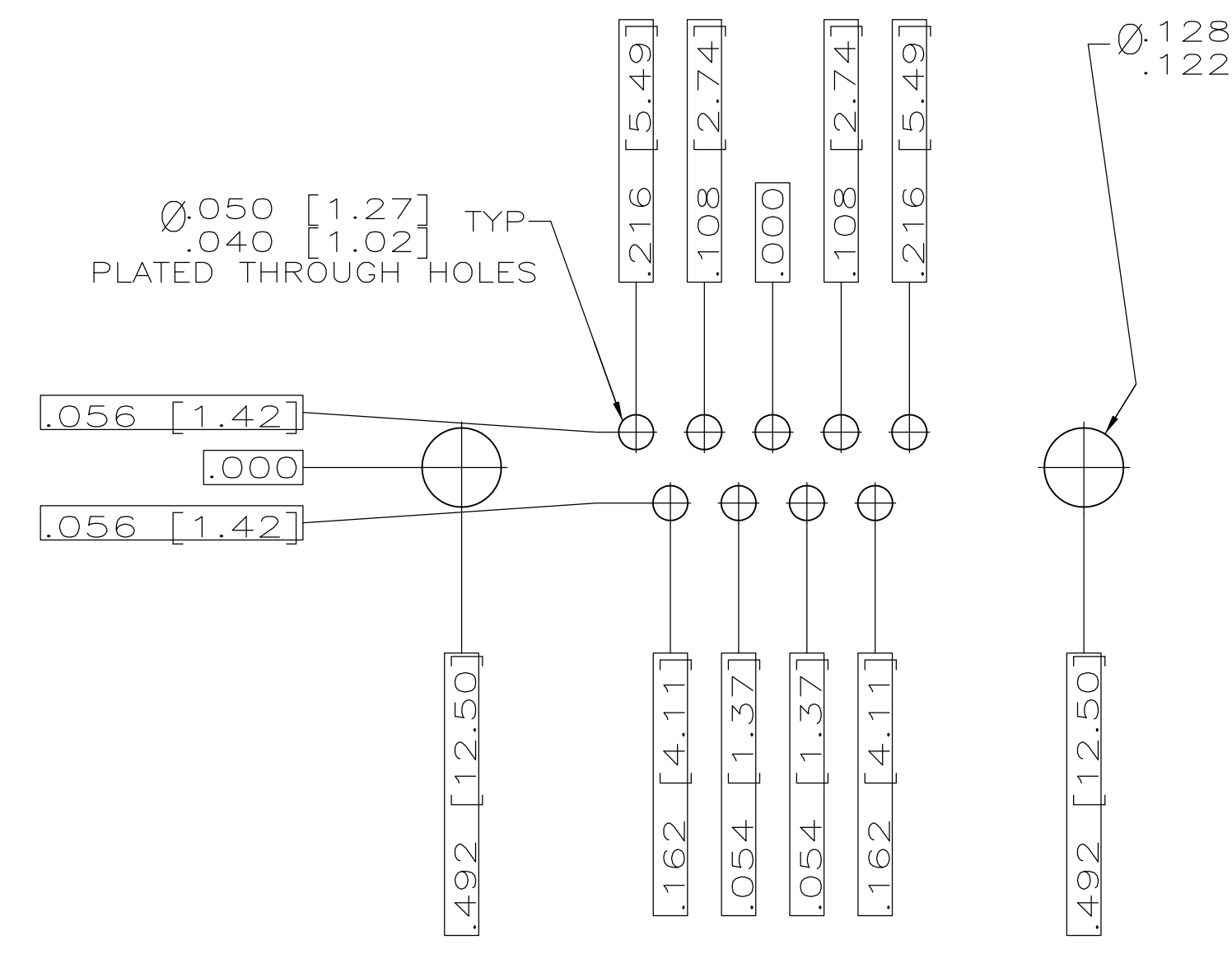
Tyco Electronics Corporation
 Harrisburg, PA 17105-3608

AMP-LITE RECEPTACLE ASSY, LOW PROFILE
 SIZE 20 POSTED CONTACTS
 SERIES 109, SIZE 1 THRU 5

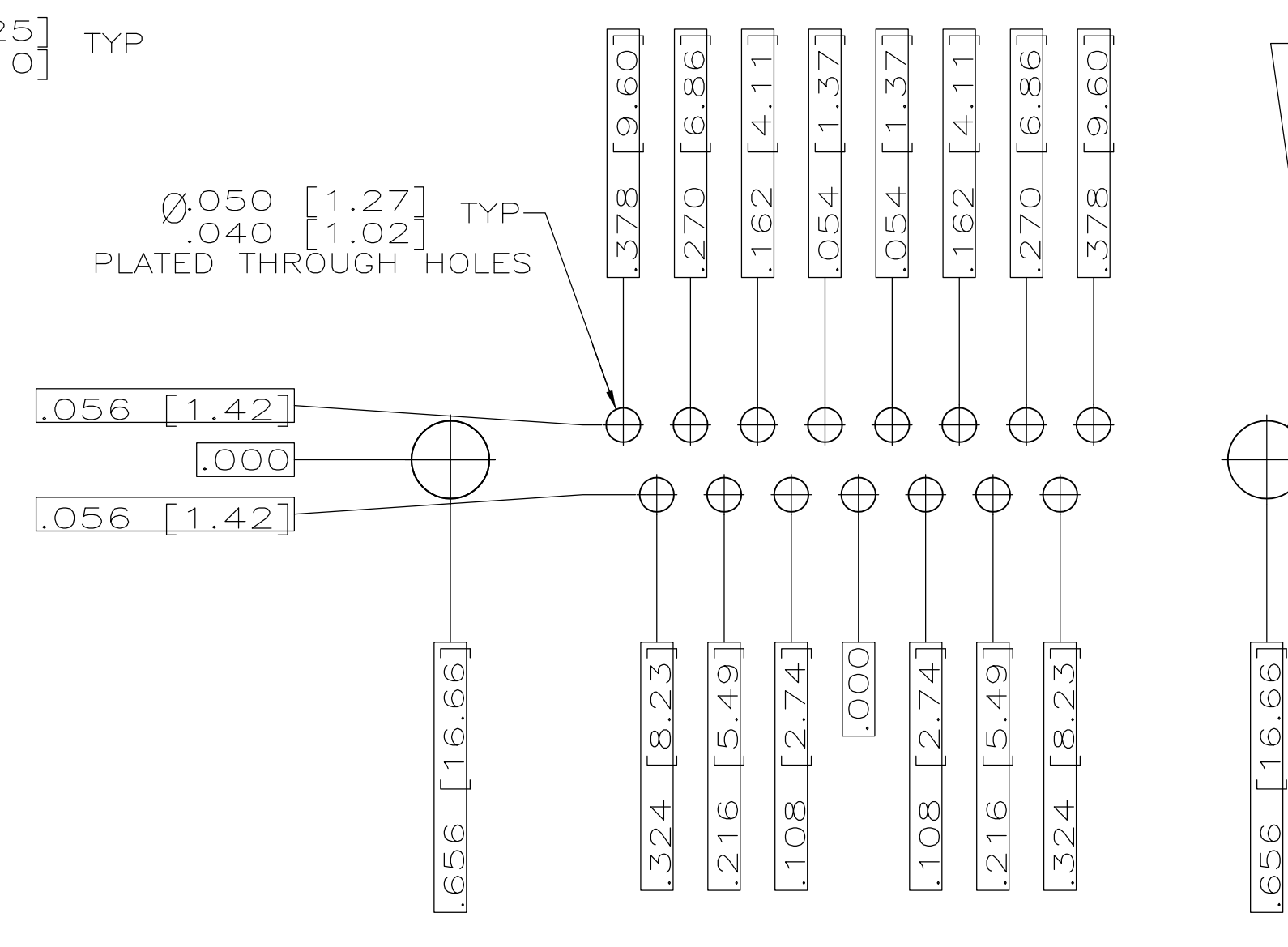
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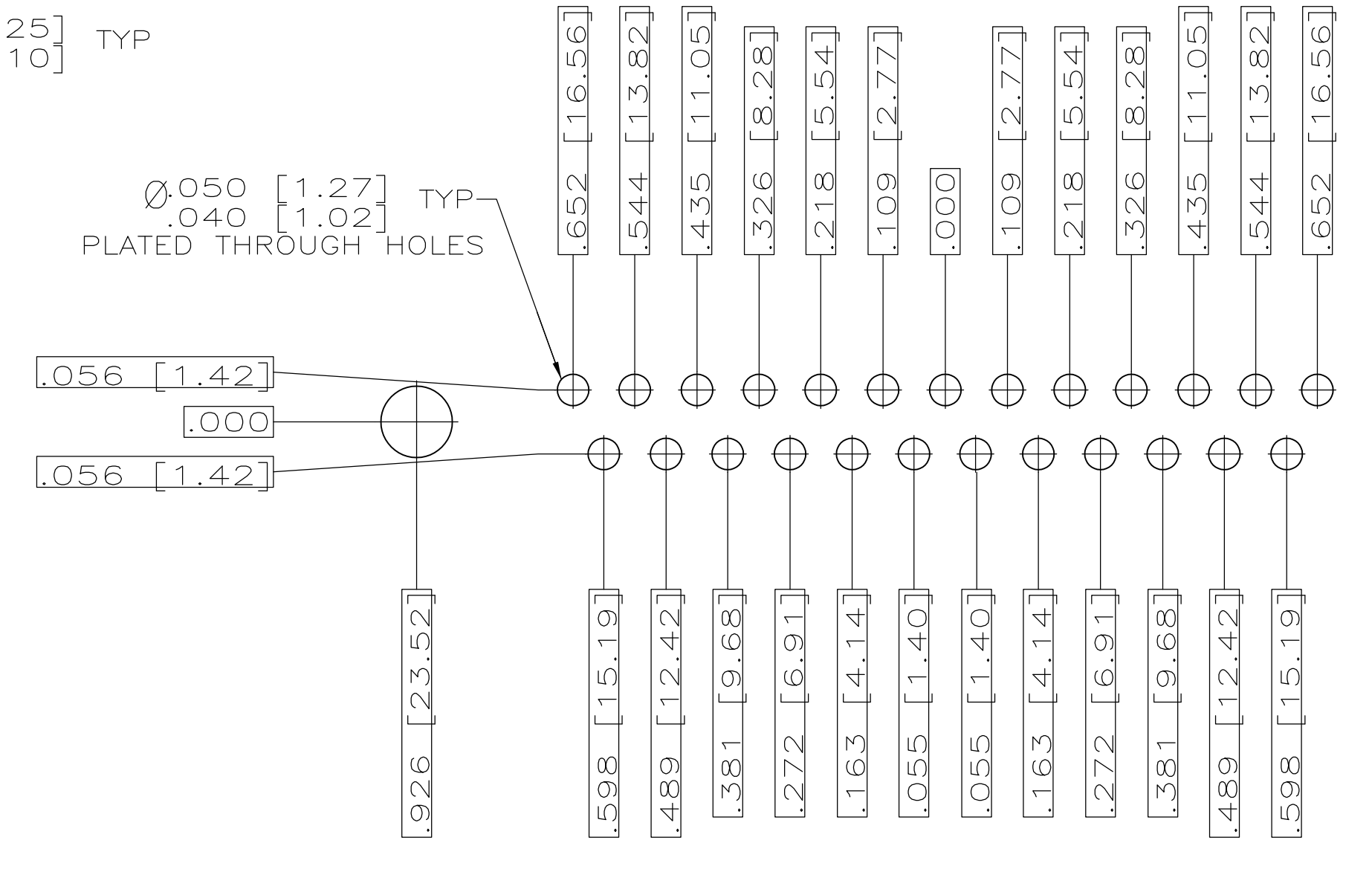
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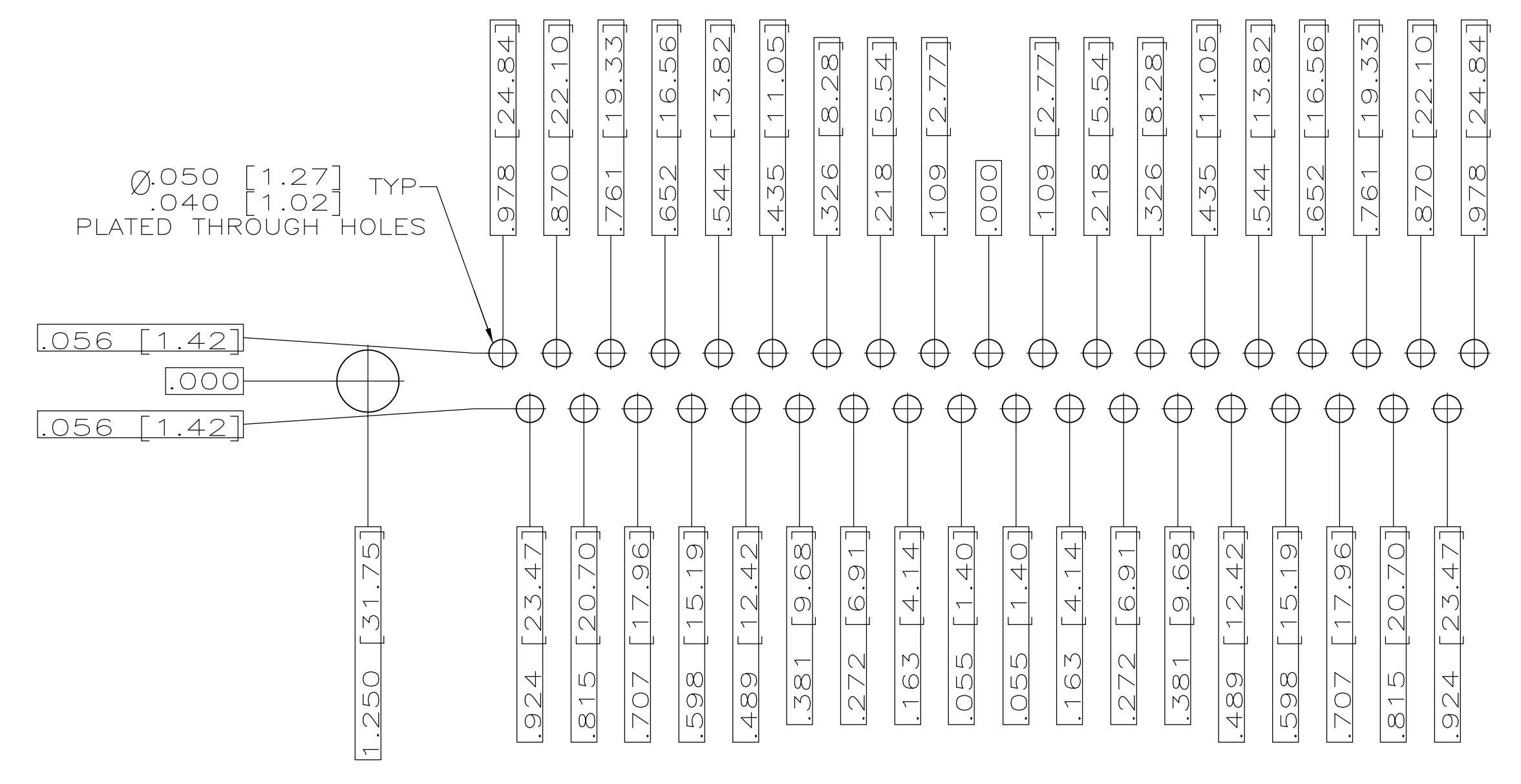
RECOMMENDED P.C. BOARD LAYOUT
 SHELL SIZE 1 (9 POSITION) ⚠



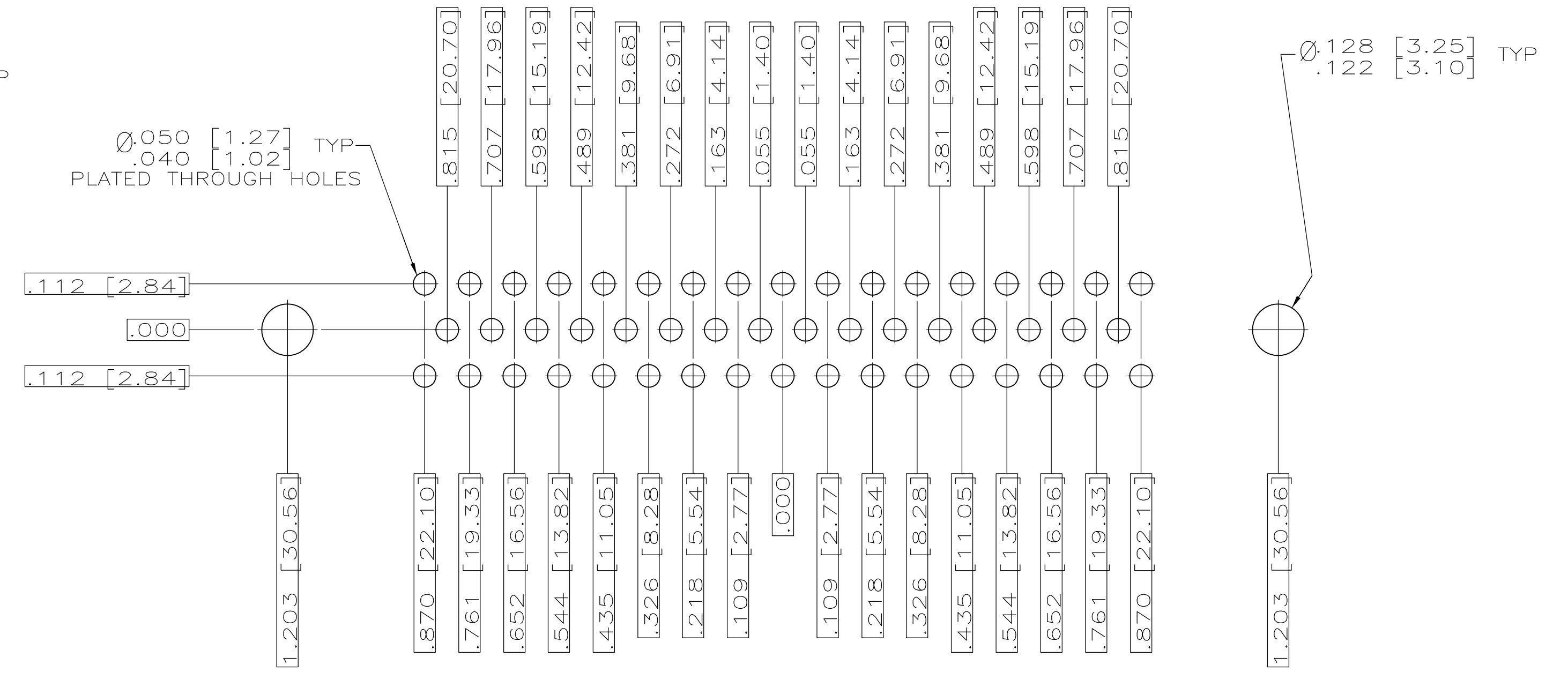
RECOMMENDED P.C. BOARD LAYOUT
 SHELL SIZE 2 (15 POSITION) ⚠



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.		DWG NO C.C.THOMAS 140CT99	Tyco Electronics Corporation Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: INCHES		CHK D.HOFFMAN 180CT99	NAME D.HOFFMAN 180CT99	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PL ± .005 1 PL ± .005 2 PL ± .005 3 PL ± .005 4 PL ± .005 ANGLES ± .005		PRODUCT SPEC APPLICATION SPEC SIZE CAGE CODE DRAWING NO RESTRICTED TO		
MATERIAL SEE CALLOUTS		WEIGHT A1 00779		SCALE 1:1 SHEET 2 OF 2 REV C
CUSTOMER DRAWING		DRAWING NO 1218293		

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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.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
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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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