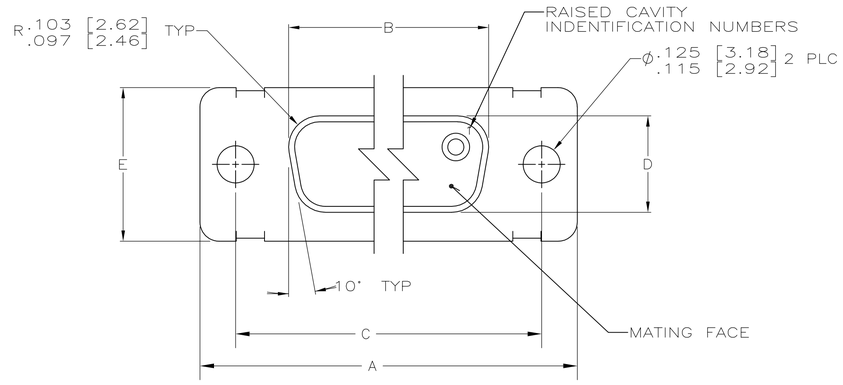
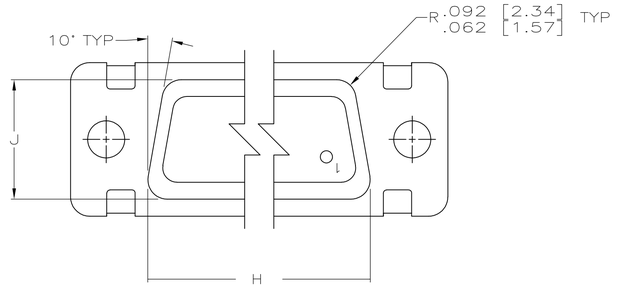
LOC	DIST
—	—

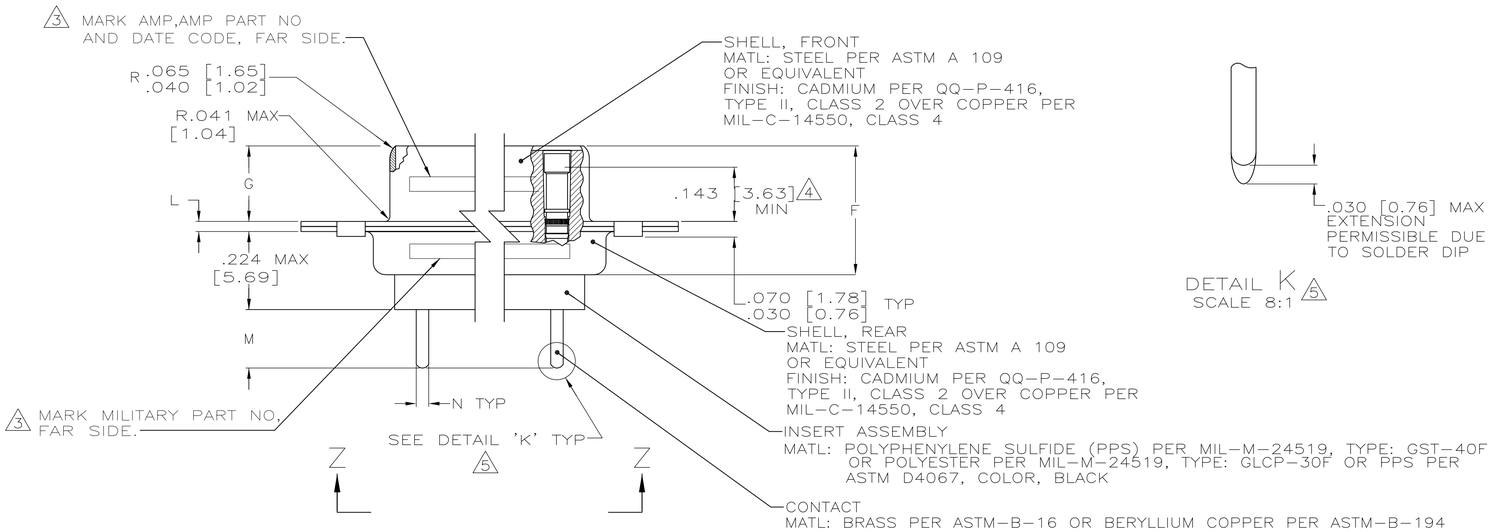
REVISIONS

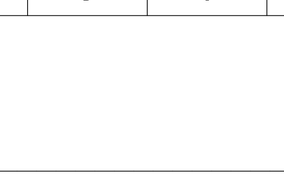
P	LTR	DESCRIPTION	DATE	DWN	APVD
	C	REV PER ECO-07-017102	20SEP07	PY	BW



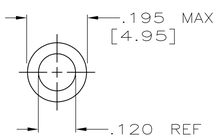


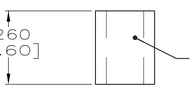
VIEW Z–Z





DETAIL K 5
SCALE 8:1





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

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 MEET THE REQUIREMENTS OF MIL-C-24308 AND MATE WITH ANY PLUG CONNECTOR WITH SAME INSERT ARRANGEMENT.
3. 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:
   A. "M24308" ON FRONT SHELL, FAR SIDE.
   B. SLASH SHEET AND DASH NUMBER ON REAR SHELL, FAR SIDE.
   C. "AMP" AND DATE CODE ON FRONT SHELL, NEAR SIDE.
   D. AMP PART NUMBER ON REAR SHELL, NEAR SIDE.

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

   A. AMP PART NUMBER ON REAR SHELL, NEAR SIDE.
   B. "AMP" AND DATE CODE ON FRONT SHELL, NEAR SIDE.
   C. MILITARY PART NUMBER ON REAR SHELL, FAR SIDE.
4. POINT OF ELECTRICAL ENGAGEMENT – AS MEASURED WITH A .0390 [0.991]-.0393 [0.998] DIA SQUARE ENDED TEST PIN.
5. 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.
6. THE SOLDER DIP PROCESS IS PERFORMED SUBSEQUENT TO THE COMPLETION OF PRODUCTION OF THE MILITARY QUALIFIED CONNECTOR. DIMENSIONS APPLY PRIOR TO SOLDER DIPPING.
7. SPACERS (QTY 2) ARE SUPPLIED WITH CONNECTORS (NOT ATTACHED TO THE CONNECTOR).
8. DIMENSIONS AND TOLERANCES PER ANSI Y14.5M-1982.
9. THIS DRAWING SHALL BE INTERPRETED IN ACCORDANCE WITH APPLICABLE STANDARDS LISTED IN MIL-STD-100.

N	M	L	J	H	G	F	E	D	C	B	A	INSERT ARRANGEMENT	NO OF POS	SHELL SIZE	MILITARY P/N ON CONNECTOR 3	AMP P/N ON CONNECTOR 3	PART NUMBER
.043 [1.09] .037 [0.94]	.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	M24308/23-23F	443978-5	1-443978-0 5
				2.282 [57.96] 2.262 [57.45]					2.505 [63.63] 2.495 [63.37]	2.164 [54.97] 2.154 [54.71]	2.744 [69.70] 2.714 [68.94]	MS18276-1	37	4	M24308/23-22F	443978-4	443978-9 5
			.432 [10.97] .412 [10.46]	1.635 [41.53] 1.615 [41.02]			.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]	MS18275-1	25	3	M24308/23-21F	443978-3	443978-8 5
				1.093 [27.76] 1.073 [27.25]					1.317 [33.45] 1.307 [33.20]	.976 [24.79] .966 [24.54]	1.556 [39.52] 1.526 [38.76]	MS18274-1	15	2	M24308/23-20F	443978-2	443978-7 5
				.769 [19.53] .749 [19.02]					.989 [25.12] .979 [24.87]	.648 [16.46] .638 [16.21]	1.228 [31.19] 1.198 [30.43]	MS18273-1	9	1	M24308/23-19F	443978-1	443978-6 5
			.544 [13.82] .524 [13.31]	2.188 [55.58] 2.168 [55.07]			.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	M24308/23-23F	443978-5	443978-5
				2.282 [57.96] 2.262 [57.45]					2.505 [63.63] 2.495 [63.37]	2.164 [54.97] 2.154 [54.71]	2.744 [69.70] 2.714 [68.94]	MS18276-1	37	4	M24308/23-22F	443978-4	443978-4
			.432 [10.97] .412 [10.46]	1.635 [41.53] 1.615 [41.02]			.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]	MS18275-1	25	3	M24308/23-21F	443978-3	443978-3
				1.093 [27.76] 1.073 [27.25]					1.317 [33.45] 1.307 [33.20]	.976 [24.79] .966 [24.54]	1.556 [39.52] 1.526 [38.76]	MS18274-1	15	2	M24308/23-20F	443978-2	443978-2
				.769 [19.53] .749 [19.02]					.989 [25.12] .979 [24.87]	.648 [16.46] .638 [16.21]	1.228 [31.19] 1.198 [30.43]	MS18273-1	9	1	M24308/23-19F	443978-1	443978-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± 1°

MATERIAL SEE CALLOUTS

FINISH SEE CALLOUTS

DWN	J.A. BAKER	05MAY97
CHK	G. OVER	15MAY98
APVD	G. OVER	15MAY98
PRODUCT SPEC	—	
APPLICATION SPEC	—	
WEIGHT	—	

Tyco Electronics
Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME
AMPLIMITE RECEPTACLE ASSY
W/ SIZE 20 POSTED PC BOARD CONTACTS
SERIES 109, SHELL SIZES 1 THRU 5

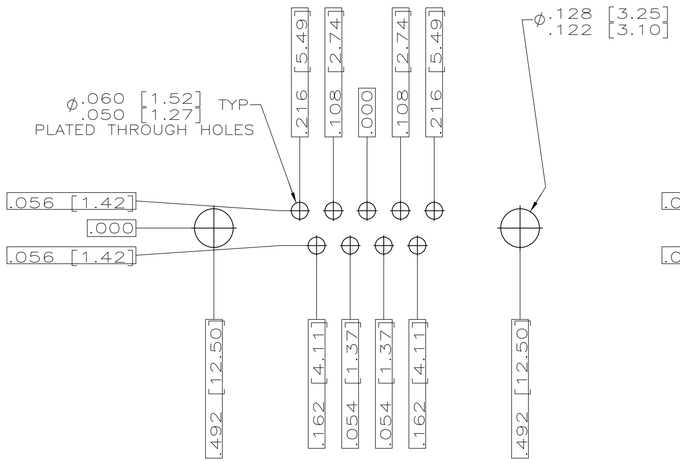
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-443978	—

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 2 | REV C

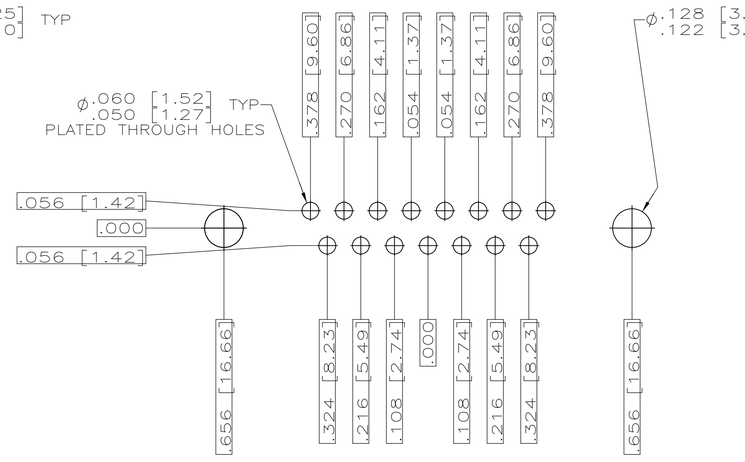
LOC	DIST
DF	D0

REVISIONS

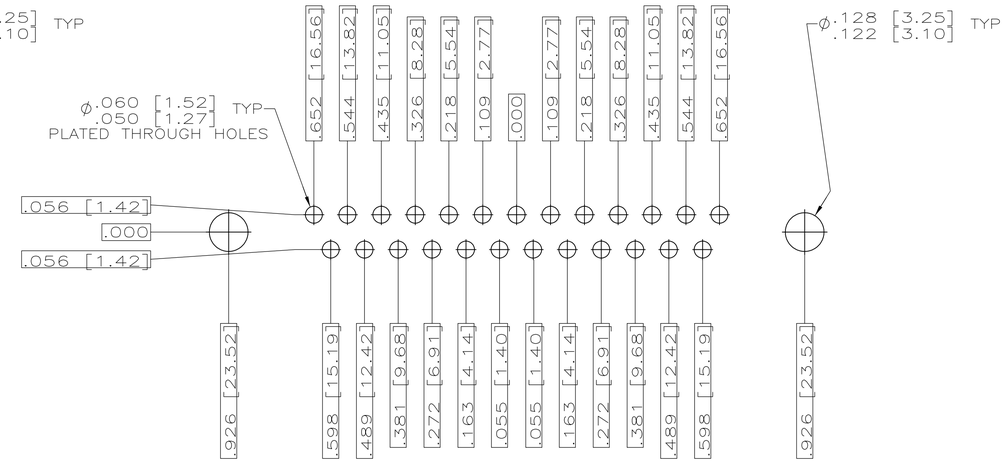
P	LTR	DESCRIPTION	DATE	DWN	APVD
	—	SEE SHEET 1	—	—	—



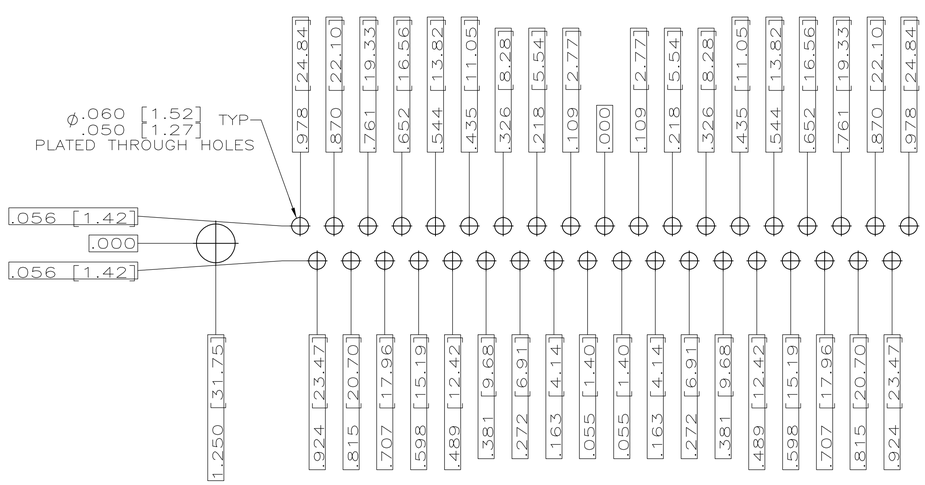
RECOMMENDED P.C. BOARD LAYOUT
SHELL SIZE 1 (9 POSITION) 1



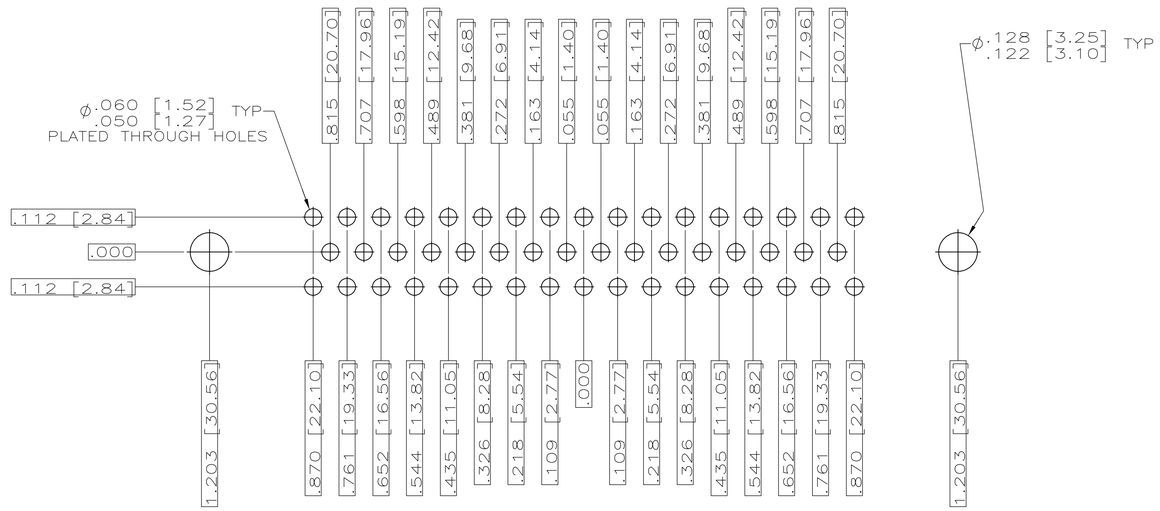
RECOMMENDED P.C. BOARD LAYOUT
SHELL SIZE 2 (15 POSITION) 1



RECOMMENDED P.C. BOARD LAYOUT
SHELL SIZE 3 (25 POSITION) 1



RECOMMENDED P.C. BOARD LAYOUT
SHELL SIZE 4 (37 POSITION) 1



RECOMMENDED P.C. BOARD LAYOUT
SHELL SIZE 5 (50 POSITION) 1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL: SEE CALLOUTS
FINISH: SEE CALLOUTS

DWN J.A.Baker 05MAY97
CHK G. OVER 15MAY98
APVD – –
PRODUCT SPEC MIL-C-24308
APPLICATION SPEC –
WEIGHT –

Tyco Electronics
Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME
AMPLIMITE RECEPTACLE ASSY
WITH SIZE 20 STRAIGHT POSTED
P.C. BOARD CONTACTS, SERIES 109,

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-443978	—

CUSTOMER DRAWING

SCALE	SHEET	REV
4:1	2 OF 2	C

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

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Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

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