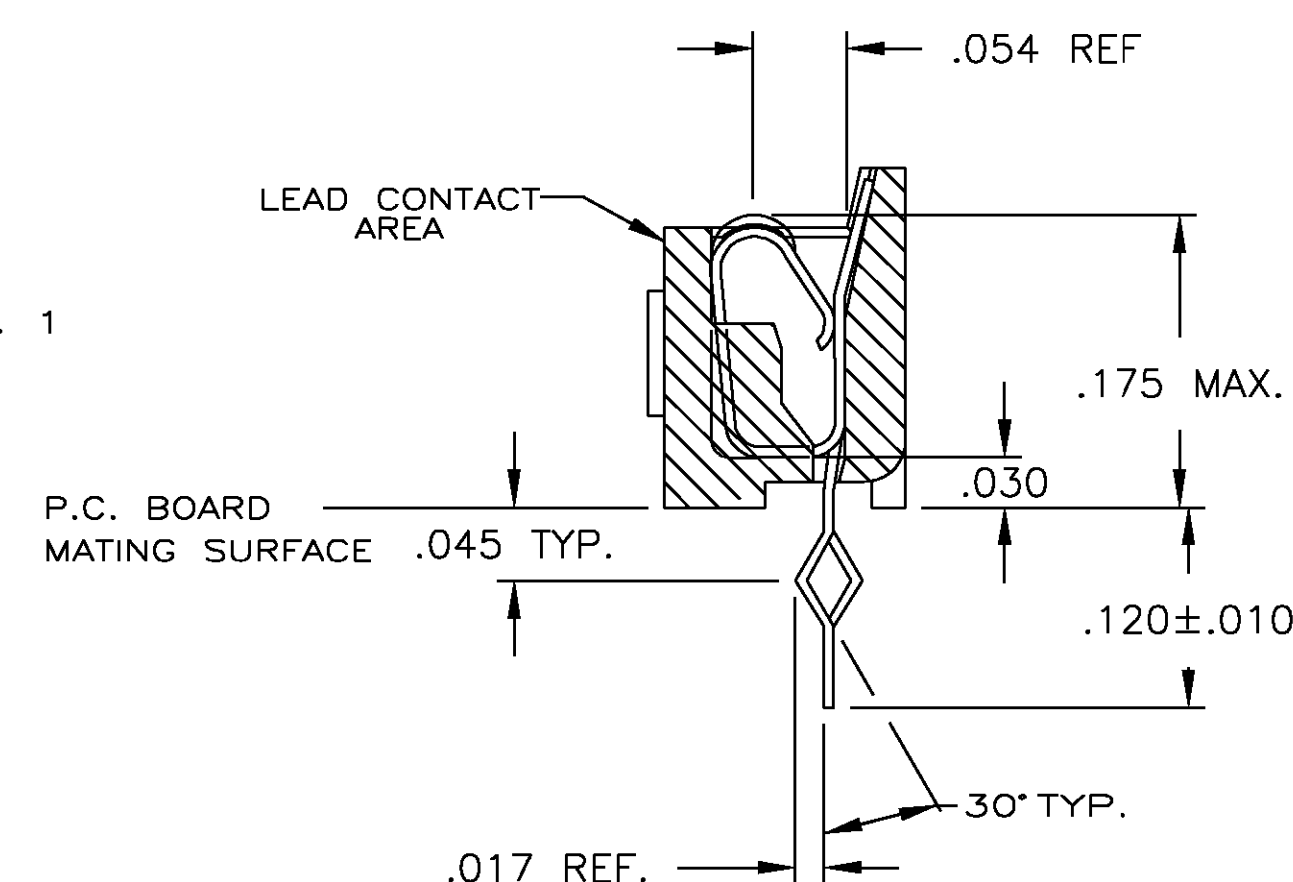
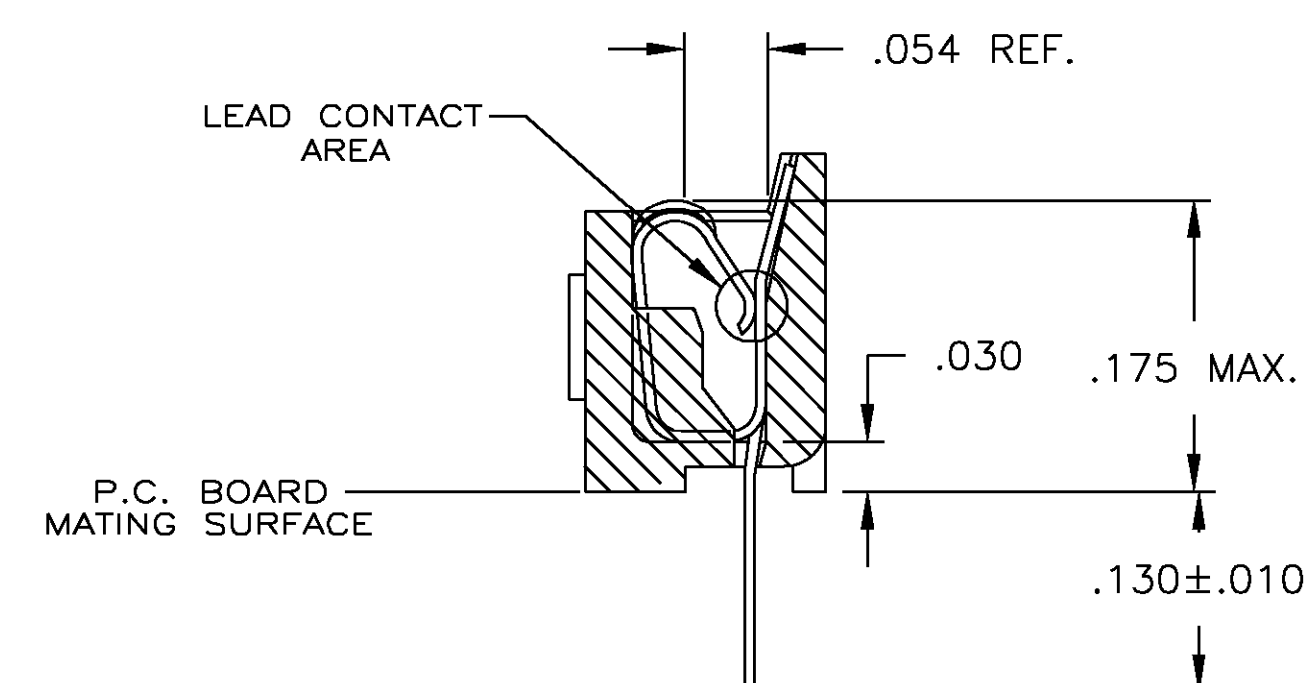
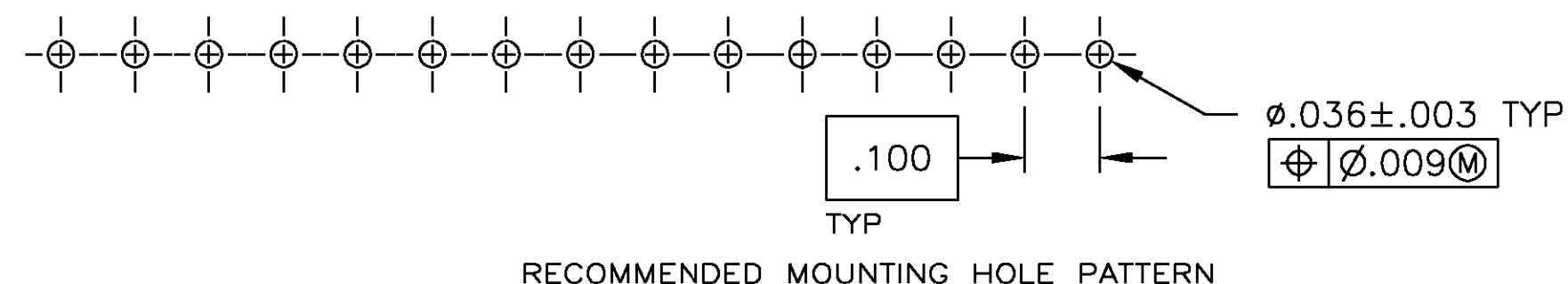
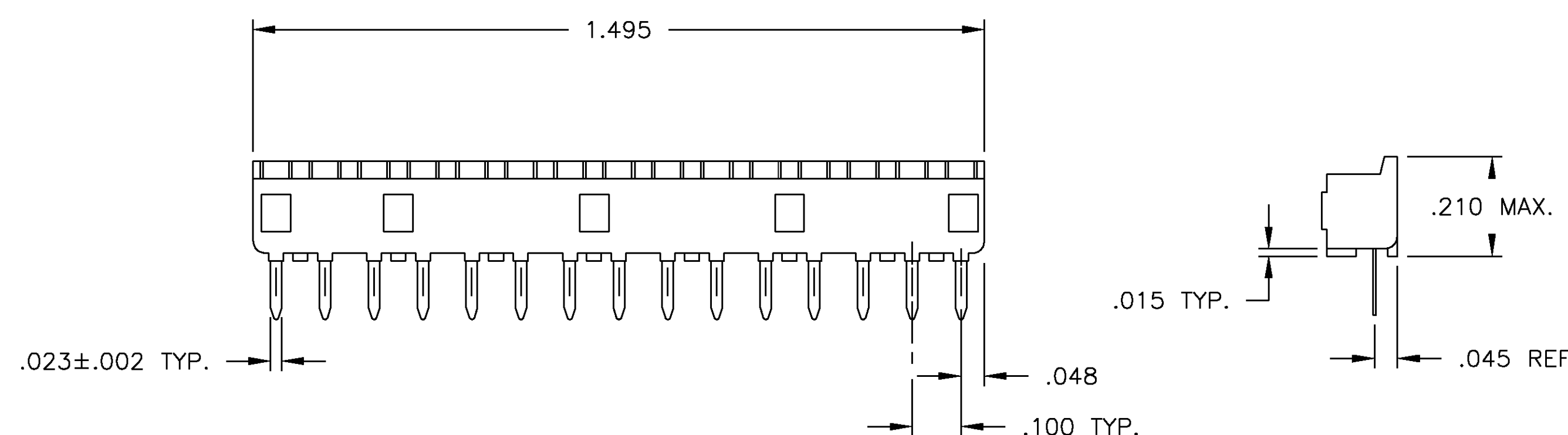




SECTION A-A
ROTATED 90° CW
SCALE 10:1
FOR -6, -7 & -8 ONLY



SECTION A-A
ROTATED 90° CW
SCALE 10:1
FOR -1, -2 & -3 ONLY

	TINNED	PHOS.BR.Z.	GLASS-FILLED THERMOPLASTIC, 94V-0, BLACK	643647-8	
OBSOLETE		BE.CU.	GLASS-FILLED THERMOPLASTIC, 94V-0, BLACK	643647-7	
	TINNED	BE.CU.	GLASS-FILLED THERMOPLASTIC, 94V-0, BLACK	643647-6	
SUPSD BY 643647-2		PHOS.BR.Z.	GLASS-FILLED THERMOPLASTIC, 94V-0, BLACK	643647-4	
OBSOLETE	TINNED	PHOS.BR.Z.	GLASS-FILLED THERMOPLASTIC, 94V-0, BLACK	643647-3	
OBSOLETE		BE.CU.	GLASS-FILLED THERMOPLASTIC, 94V-0, BLACK	643647-2	
	TINNED	BE.CU.	GLASS-FILLED THERMOPLASTIC, 94V-0, BLACK	643647-1	
CONTACT FINISH		CONTACT MAT'L		HOUSING MATERIAL	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

INCHES

0 PL/C ± .-

1 PL/C ± .-

2 PL/C ± .-

3 PL/C ± .005

4 PL/C ± .-

ANGLES ± .-

MATERIAL

SEE TABLE

TOLERANCES UNLESS OTHERWISE SPECIFIED:

FINISH

SEE TABLE

REV
M CYRUS
CHK
N JONES
APRD
J C GRAY

6-1-84
7-3-84
7-10-84

NAME

PRODUCT SPEC
108-1066

APPLICATION SPEC
114-1049

WEIGHT
-

CUSTOMER DRAWING

AMP

Tyco Electronics Corporation
Harrisburg, PA 17105

SOCKET ASSY, SIP, 15 POS,
DIPLOMATE DL

-

SIZE CASE CODE DRAWING NO

A1 00779 C=643647

RESTRICTED TO

SCALE

SHEET 1 OF 1

REV

**SIP Sockets** (Continued)**Solder Tail Dual Leaf (DL)** (Continued)

No. of Pos.	Dimensions		Straight Solder Tail			Retention Solder Tail			Package Quantities		
			Beryllium Copper		Phosphor Bronze	Beryllium Copper		Phosphor Bronze	Qty. Per Tray	Trays Per Box	Total Qty. Per Box
	A	B	Tinned	0.00076 [.000030] Gold Plate		Tinned	0.00076 [.000030] Gold Plate				
3	7.49 .295	5.08 .200	382437-1	382437-2	382437-3	—	—	—	740	4	2960
4	10.03 .395	7.62 .300	382438-1	—	—	—	—	—	560	4	2240
5	12.57 .495	10.16 .400	382439-1	—	—	—	—	—	440	4	1760
6	15.11 .595	12.70 .500	382440-1	—	382440-3	—	—	—	360	4	1440
7	17.65 .695	15.24 .600	382441-1	—	382441-3	—	—	—	320	4	1280
8	20.19 .795	17.78 .700	643640-1	643640-2	643640-3	643640-6	—	643640-8	280	4	1120
9	22.73 .895	20.32 .800	643641-1	643641-2	643641-3	643641-6	—	643641-8	240	4	960
10	25.27 .995	22.86 .900	643642-1	643642-2	643642-3	643642-6	—	643642-8	220	4	880
11	27.81 1.095	25.40 1.000	643643-1	643643-2	643643-3	643643-6	—	643643-8	200	4	800
12	30.35 1.195	27.94 1.100	643644-1	643644-2	643644-3	643644-6	643644-7	643644-8	180	4	720
13	32.89 1.295	30.48 1.200	643645-1	643645-2	643645-3	643645-6	—	—	160	4	640
14	35.43 1.395	33.02 1.300	643646-1	643646-2	643646-3	643646-6	643646-7	643646-8	160	4	640
15	37.97 1.495	35.56 1.400	643647-1	—	643647-3	643647-6	—	643647-8	140	4	560
16	40.51 1.595	38.10 1.500	643648-1	643648-2	643648-3	643648-6	—	643648-8	140	4	560
17	43.05 1.695	40.64 1.600	643649-1	—	643649-3	643649-6	—	643649-8	120	4	480
18	45.59 1.795	43.18 1.700	643650-1	—	643650-3	643650-6	—	643650-8	120	4	480
19	48.13 1.895	45.72 1.800	—	—	643651-3	—	—	643651-8	100	4	400
20	50.75 1.995	48.26 1.900	643652-1	—	643652-3	643652-6	643652-7	643652-8	100	4	400
21	53.21 2.095	50.80 2.000	643653-1	—	643653-3	643653-6	643653-7	643653-8	100	4	400
22	55.75 2.195	53.34 2.100	643654-1	—	643654-3	643654-6	—	643654-8	100	4	400
23	58.29 2.295	55.88 2.200	—	—	—	—	—	643655-8	80	4	320
24	60.83 2.395	58.42 2.300	—	—	643656-3	643656-6	—	—	80	4	320
25	63.37 2.495	60.96 2.400	643657-1	643657-2	—	643657-6	643657-7	—	80	4	320
26	70.99 2.795	68.58 2.700	—	—	643660-3	—	—	643660-8	80	4	320
29	73.53 2.895	71.12 2.800	—	—	643661-3	—	—	—	60	4	240
30	76.07 2.995	73.66 2.900	643662-1	—	643662-3	—	—	—	60	4	240

Sockets

Other Sockets and Programming Devices



SIP Sockets (Continued)

Solder Tail Dual Leaf (DL) (Continued)

No. of Pos.	Dimensions		Straight Solder Tail			Retention Solder Tail			Package Quantities		
	A	B	Beryllium Copper	0.00076 [.000030] Gold Plate	Phosphor Bronze	Beryllium Copper	0.00076 [.000030] Gold Plate	Phosphor Bronze	Qty. Per Tray	Trays Per Box	Total Qty. Per Box
			Tinned		Tinned	Tinned		Tinned			
3	7.49 .295	5.08 .200	382437-1	382437-2	382437-3	—	—	—	740	4	2960
4	10.03 .395	7.62 .300	382438-1	—	—	—	—	—	560	4	2240
5	12.57 .495	10.16 .400	382439-1	—	—	—	—	—	440	4	1760
6	15.11 .595	12.70 .500	382440-1	—	382440-3	—	—	—	360	4	1440
7	17.65 .695	15.24 .600	382441-1	—	382441-3	—	—	—	320	4	1280
8	20.19 .795	17.78 .700	643640-1	643640-2	643640-3	643640-6	—	643640-8	280	4	1120
9	22.73 .895	20.32 .800	643641-1	643641-2	643641-3	643641-6	—	643641-8	240	4	960
10	25.27 .995	22.86 .900	643642-1	643642-2	643642-3	643642-6	—	643642-8	220	4	880
11	27.81 1.095	25.40 1.000	643643-1	643643-2	643643-3	643643-6	—	643643-8	200	4	800
12	30.35 1.195	27.94 1.100	643644-1	643644-2	643644-3	643644-6	643644-7	643644-8	180	4	720
13	32.89 1.295	30.48 1.200	643645-1	643645-2	643645-3	643645-6	—	—	160	4	640
14	35.43 1.395	33.02 1.300	643646-1	643646-2	643646-3	643646-6	643646-7	643646-8	160	4	640
15	37.97 1.495	35.56 1.400	643647-1	—	643647-3	643647-6	—	643647-8	140	4	560
16	40.51 1.595	38.10 1.500	643648-1	643648-2	643648-3	643648-6	—	643648-8	140	4	560
17	43.05 1.695	40.64 1.600	643649-1	—	643649-3	643649-6	—	643649-8	120	4	480
18	45.59 1.795	43.18 1.700	643650-1	—	643650-3	643650-6	—	643650-8	120	4	480
19	48.13 1.895	45.72 1.800	—	—	643651-3	—	—	643651-8	100	4	400
20	50.75 1.995	48.26 1.900	643652-1	—	643652-3	643652-6	643652-7	643652-8	100	4	400
21	53.21 2.095	50.80 2.000	643653-1	—	643653-3	643653-6	643653-7	643653-8	100	4	400
22	55.75 2.195	53.34 2.100	643654-1	—	643654-3	643654-6	—	643654-8	100	4	400
23	58.29 2.295	55.88 2.200	—	—	—	—	—	643655-8	80	4	320
24	60.83 2.395	58.42 2.300	—	—	643656-3	643656-6	—	—	80	4	320
25	63.37 2.495	60.96 2.400	643657-1	643657-2	—	643657-6	643657-7	—	80	4	320
28	70.99 2.795	68.58 2.700	—	—	643660-3	—	—	643660-8	80	4	320
29	73.53 2.895	71.12 2.800	—	—	643661-3	—	—	—	60	4	240
30	76.07 2.995	73.66 2.900	643662-1	—	643662-3	—	—	—	60	4	240

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Searchable Features:	
Brand:	AMP
No. of Positions:	15
Contact Style:	Stamped + Formed
Leg Style:	Retention
Contact Material:	Phosphor Bronze
Contact Mating Area Plating:	Tin

Other Properties:	
Proprietary Name:	DIPLOMATE DL
Frame Style:	Closed
Housing Material:	Glass-Filled Thermoplastic
Housing Flammability Rating:	UL 94V-0
Height Above PC Board (mm [in]):	4.45 [0.175]
Color:	Black
Centerline (mm [in]):	2.54 [0.100]
Packaging Method:	Tray
Qty./Tray:	140
Qty. Trays/Box:	4

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