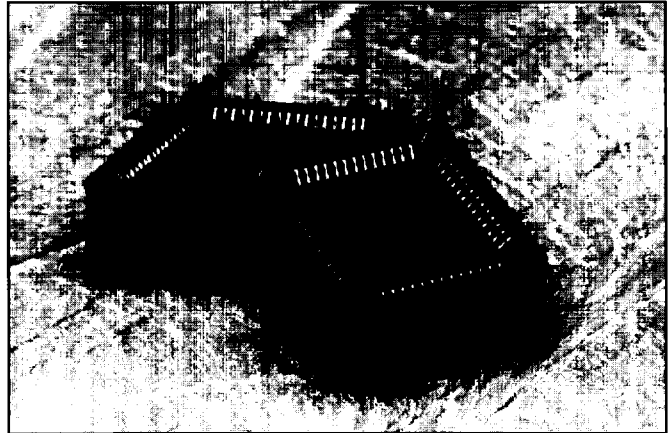


PCSZT Series *Sockets for PLCC Packages*

The Augat PCSZT Series Low Profile Chip Carrier sockets accept plastic leaded chip carriers on .050" (1,27) centers. These dependable sockets combine positive retention of package with high normal force to insure outstanding electrical and mechanical performance.

Two piece insulator construction leaves terminal circuitry unexposed on the bottom of the socket. The solder tail design allows thru-hole board patterns on .100" (2,54) grid.



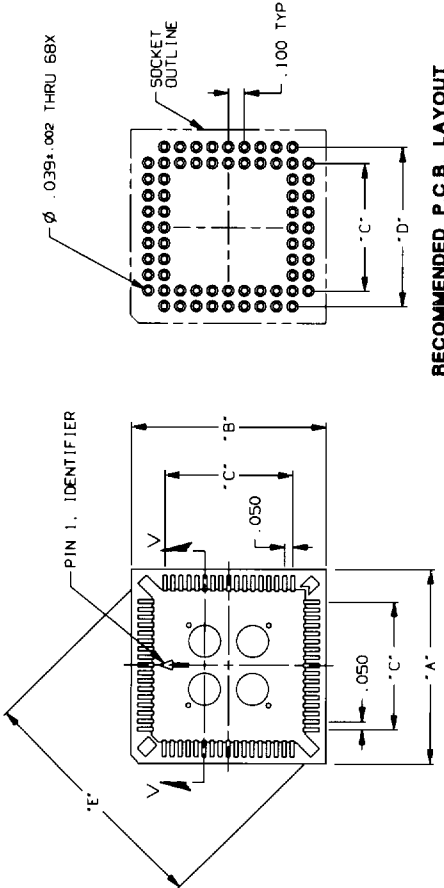
PCSZT Series Low Profile Chip Carrier

- High normal force (150 grams min.)
- Internal standoff insures proper positioning of chip carrier in socket.
- Visual aids external to socket assure easy registration to printed wiring board.
- Easy access for probing installed chip carrier.
- Standoffs and four drain holes aid in cleaning.
- PLCC Extraction Tool TX8136-20/84 PCS.

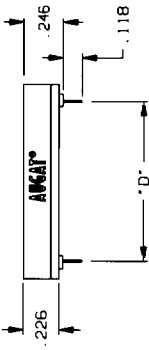


AUGT5023

CONVERSION CHART	
INCH	MM
.002	0.05
.005	0.13
.010	0.25
.022	0.56
.039	0.99
.050	1.27
.100	2.54
.118	3.00
.200	5.08
.286	5.74
.246	6.25
.300	7.62
.500	12.70
.600	15.24
.620	15.75
.668	16.96
.687	17.45
.700	17.77
.720	18.29
.800	20.32
.820	20.83
.828	21.03
.899	22.83
.920	23.37
1.000	25.40
1.020	25.91
1.111	28.22
1.144	29.05
1.168	29.66
1.200	30.48
1.220	30.99
1.253	31.83
1.420	36.06
1.535	38.99
1.818	46.18
1.654	47.09



RECOMMENDED P.C.B. LAYOUT
TOLERANCES ±.002 UNLESS OTHERWISE NOTED



STANDARD DIMENSIONS						
PART NO.	CONTACTS	"A"	"B"	"C"	"D"	"E"
PCSZT-044A-1	44	.920	.920	.500	.700	1.111
PCSZT-084A-1	84	1.420	1.420	1.000	1.200	1.818
PCSZT-028A-1	28	.720	.720	.300	.500	.828
PCSZT-032A-1	32	.720	.820	.300	.500	.899
PCSZT-052A-1	52	1.020	1.020	.600	.800	1.253
PCSZT-068A-1	68	1.220	1.220	.800	1.000	1.535
PCSZT-020A-1	20	.620	.620	.200	.200	.687

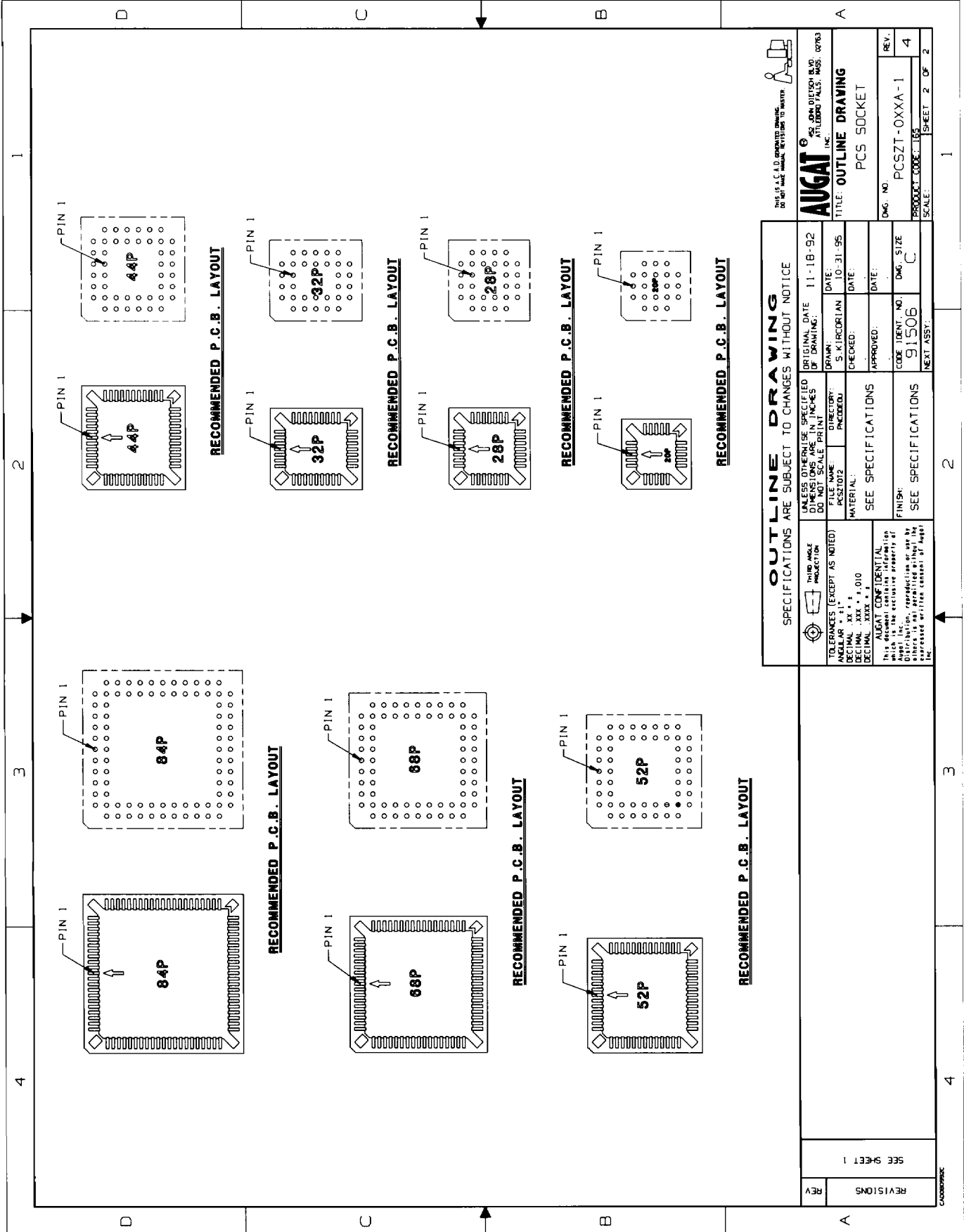
SPECIFICATIONS:
 MATERIALS:
 INSULATOR: BPS, UL 94V-0
 CONTACT: COPPER ALLOY, TIN-PLATED.
 ELECTRICAL:
 CONTACT RATING: 1 AMP
 INITIAL CONTACT RESISTANCE: 20 MILLIOHMS MAX.
 INSULATION RESISTANCE: 10,000 MEGOHMS MIN. @ 500V.
 DIELECTRIC STRENGTH: 600 VDC.
 MECHANICAL:
 MATING FORCE: 310g PER LINE MAX.
 UNMATING FORCE: 31g PER LINE MIN.
 NORMAL FORCE: 150g MIN. @ .008" DEFLECTION.
 ENVIRONMENTAL:
 OPERATING TEMPERATURE: -67°F TO +221°F
 (-55°C TO +105°C)
 STORAGE TEMPERATURE: -67°F TO +221°F
 (-55°C TO +105°C)

NOTES:
 1. INTERPRET DRAWING PER ASME Y14.5M-1994.
 2. SEE SHEET 2 FOR PIN 1 LOCATIONS.

OUTLINE DRAWING
SPECIFICATIONS ARE SUBJECT TO CHANGES WITHOUT NOTICE

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DIMENSIONS IN PARENTHESES ARE IN MILLIMETERS		ORIGINAL DATE: 11-18-92
FILE NAME: PCSZT01	DIRECTORY: L:\SILVA	DATE: 11-19-92
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FINISH: SEE SPECIFICATIONS	CODE (REV) NO: 91506	DWG. NO: PCSZT-0XXA-1
NEXT ASSY:	DWG. SIZE: C	REV: 4
	PRODUCT CODE: 155	SHEET 1 OF 2





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AUGAT INC.
485 ONE DIETICH BLVD.
ATLANTA, GA 30328
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TITLE: **OUTLINE DRAWING**
PCS SOCKET

DWG. NO. PCSZT-OXXA-1
REV. 4

PRODUCT CODE: 185
SCALE: SHEET 2 OF 2

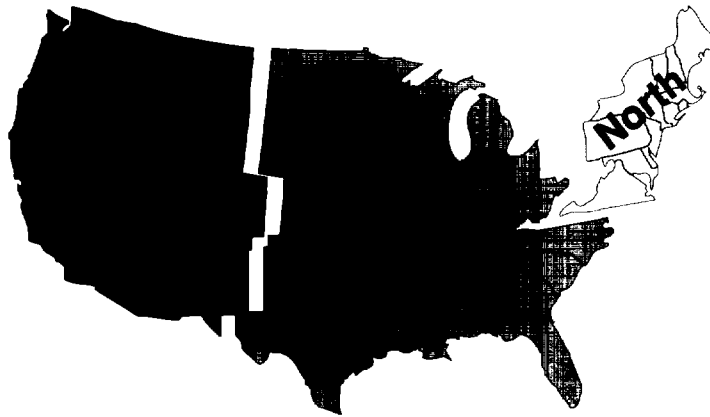
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