CONVERSION CHART	
INCH	MM
.010	0.25
.020	0.51
.035	0.89
.100	2.54
.105	2.67
.125	3.18
.180	4.57
.210 .180	5.33 4.57
.295 .305	7.50 7.74
.300	7.62
.395 .405	10.04 10.28
.400	10.16
.595 .605	15.12 15.36
.600	15.24
.700	17.78
.800	20.32
.895 .905	22.74 22.98
.900	22.86
1.000	25.40
1.200	30.48
1.400	35.56
1.600	40.64
2.000	50.8
3.200	81.28

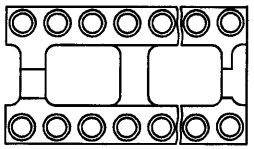


FIG. 1

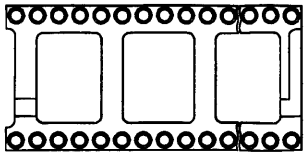
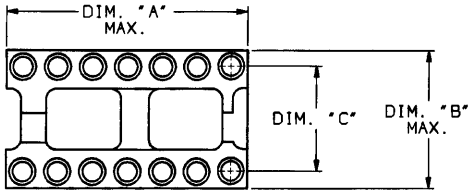
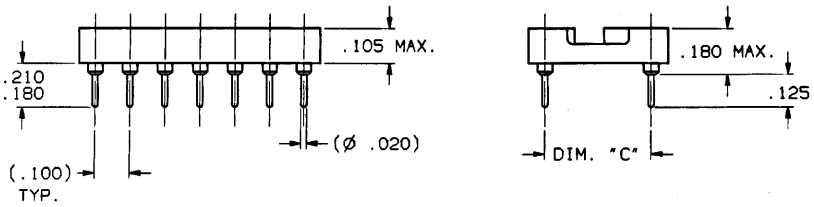
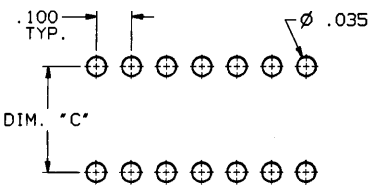


FIG. 2







P.C.B. HOLE LAYOUT

TOLERANCE ±.002

PART NUMBER	FIG.	DIM. "A"	DIM. "B"	DIM. "C"
814-AG11D-ES 814-AG11D-ESL 814-AG12D-ES	1	.700	.400	.295 .305
816-AG11D-ES 816-AG11D-ESL 816-AG12D-ES	1	.800	.400	.295 .305
820-AG11D-ES 820-AG11D-ESL 820-AG12D-ES	1	1.000	.400	.295 .305
824-AG11D-ES 824-AG11D-ESL 824-AG12D-ES	1	1.200	.700	.595 .605
824-AG31D-ES 824-AG31D-ESL 824-AG32D-ES	1	1.200	.400	.295 .305
828-AG11D-ES 828-AG11D-ESL 828-AG12D-ES	1	1.400	.700	.595 .605
832-AG11D-ES 832-AG11D-ESL 832-AG12D-ES	2	1.600	.700	.595 .605
840-AG11D-ES 840-AG11D-ESL 840-AG12D-ES	2	2.000	.700	.595 .605
864-AG11D-ES 864-AG11D-ESL 864-AG12D-ES	2	3.200	1.000	.895 .905

SPECIFICATIONS:

1 MATERIALS:
INSULATOR: POLYESTER, UL RATED 94V-0.
CONTACT: COPPER ALLOY
SLEEVE: COPPER ALLOY.
PLATING: 11D-ES, 31D-ES - CONTACT - GOLD OVER NICKEL.
SLEEVE - TIN/LEAD.
11D-ESL, 31D-ESL - CONTACT - LOW GOLD OVER NICKEL.
SLEEVE - TIN/LEAD.
12D-ES, 32D-ES - CONTACT - TIN/LEAD.
SLEEVE - TIN/LEAD.

1 ELECTRICAL:
CONTACT RESISTANCE: 10 MILLIOHMS MAX.
CONTACT RATING: 3 AMPS.
CAPACITANCE: 1.0pF PER MIL-STD-202, METHOD 305.
INSULATION RESISTANCE: 5000 MΩ MIN. @ 500 VDC PER MIL-STD-1344, METHOD 3003.1.
DIELECTRIC WITHSTANDING VOLTAGE: 1000 VOLTS (RMS) PER MIL-STD-1344, METHOD 3001.1.

1 MECHANICAL:
INSERTION FORCE: 179 GRAMS AVERAGE WHEN MEASURED WITH Ø .018 POLISHED STEEL PIN.
WITHDRAWAL FORCE: 63 GRAMS AVERAGE WHEN MEASURED WITH Ø .018 POLISHED STEEL PIN.

1 ENVIRONMENTAL:
OPERATING TEMPERATURE: -67°F TO +221°F (-55°C TO +105°C).

NOTES:

1. INTERPRET DRAWING PER ASME Y14.5M-1994.

8 XX - AG XXX D - EXX

800 SERIES

POSITIONS

AG= INSULATOR

LSG STYLE & TAIL CONFIGURATION

D = PC TAIL STANDARD

CONTACT PLATING ES, ESL

THIS IS A C.A.D. GENERATED DRAWING. DO NOT MAKE MANUAL REVISIONS TO MASTER.

OUTLINE DRAWING

SPECIFICATIONS ARE SUBJECT TO CHANGES WITHOUT NOTICE

REV	REVISIONS
0	INITIAL RELEASE ESR#A6572 S.KIRCORIAN 5-30-95 APP'D: D.O'NEILL 6-1-95
1	REVISED ECO#676-95 S.KIRCORIAN 9-25-95 APP'D: D.O'NEILL 9-26
2	REVISED ECO#793-95 SEE 11-27-95 APP'D: D.O'Neill 12-4-95

THIRD ANGLE PROJECTION

TOLERANCES (EXCEPT AS NOTED)
ANGULAR = ±1°
DECIMAL .XX = ±
DECIMAL .XXX = ±.010
DECIMAL .XXXX = ±

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DO NOT SCALE PRINT

FILE NAME: BXXAOUT1 | DIRECTORY: PNCODEAS

MATERIAL: SEE SPECIFICATIONS

FINISH: SEE SPECIFICATIONS

ORIGINAL DATE OF DRAWING: 5-30-95

DRAWN: S.KIRCORIAN | DATE: 5-30-95

CHECKED: | DATE:

APPROVED: D.O'NEILL | DATE: 6-1-95

CODE IDENT. NO. 91506 | DWG. SIZE C

NEXT ASSY:

AUGAT® INC. 452 JOHN DIETSCH BLVD. ATTLEBORO FALLS, MASS. 02763

TITLE: OUTLINE DRAWING 800 SERIES

DWG. NO. 8XX-AGXXXD-ES, ESL | REV. 2

PRODUCT CODE: 25

SCALE: | SHEET 1 OF 1

CAD080992C

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CUSTOMER DRWG: 1437539-2 REV: 99 PG 1 OF 1