CONVERSION CHART	
INCH	MM
.002	0.05
.005	0.13
.010	0.25
.020	0.51
.035	0.89
.100	2.54
.125	3.18
.135	3.43
.180	4.57
.180 .150	4.57 3.82
.300	7.62
.400	10.16
.600	15.24
.700	17.78
.800	20.32
1.000	25.40
1.200	30.48
1.400	35.56
1.800	45.72
2.000	50.8
2.100	53.34
2.400	60.96
3.200	81.28

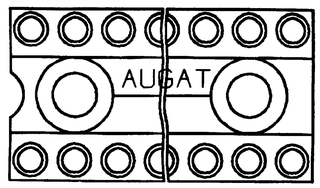


FIG. 1

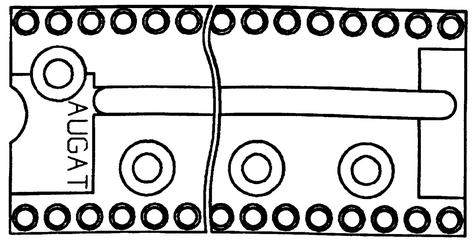
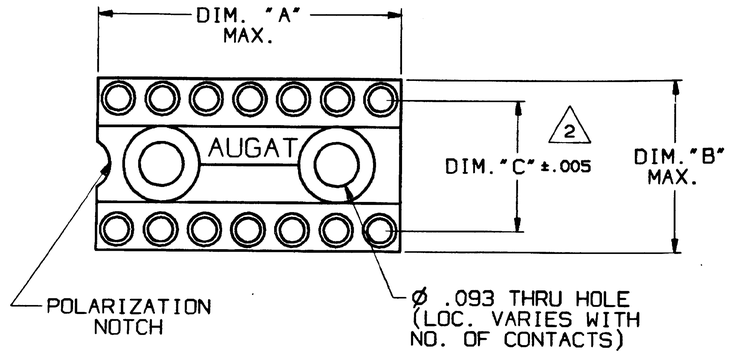
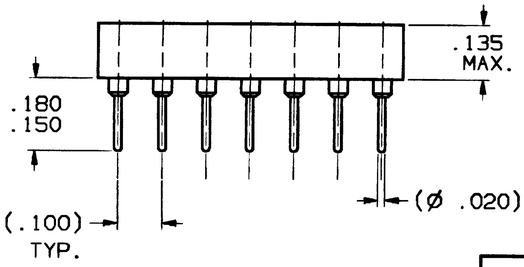
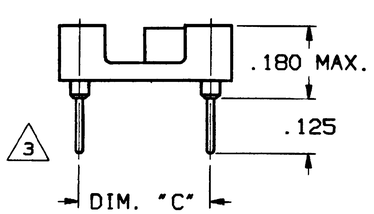
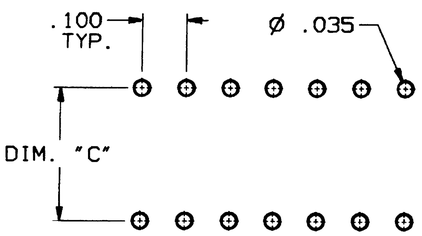


FIG. 2









P.C.B. HOLE LAYOUT

TOLERANCE ±.002

PART NUMBER	FIG.	DIM. "A"	DIM. "B"	DIM. "C"
514-AG10D-ES 514-AG11D-ES 514-AG11D-ESL	1	.700	.400	.300
516-AG10D-ES 516-AG11D-ES 516-AG11D-ESL	1	.800	.400	.300
520-AG10D-ES 520-AG11D-ES 520-AG11D-ESL	1	1.000	.400	.300
524-AG10D-ES 524-AG11D-ES 524-AG11D-ESL	2	1.200	.700	.600
528-AG10D-ES 528-AG11D-ES 528-AG11D-ESL	2	1.400	.700	.600
532-AG10D-ES 532-AG11D-ES 532-AG11D-ESL	2	1.600	.700	.600
540-AG10D-ES 540-AG11D-ES 540-AG11D-ESL	2	2.000	.700	.600

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

SPECIFICATIONS:

MATERIALS:
INSULATOR: POLYESTER, UL RATED 94V-0.
CONTACT: COPPER ALLOY
SLEEVE: COPPER ALLOY.
PLATING: 10D-ES - CONTACT - GOLD OVER NICKEL.
SLEEVE - GOLD OVER NICKEL
11D-ES - CONTACT - GOLD OVER NICKEL.
SLEEVE - TIN/LEAD.
11D-ESL- CONTACT - LOW GOLD OVER NICKEL.
SLEEVE - TIN/LEAD.

ELECTRICAL:
CONTACT RESISTANCE: 10 MILLIOHMS MAX.
CONTACT RATING: 3 AMPS.
CAPACITANCE: 1.0 pF 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.

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.

ENVIRONMENTAL:
OPERATING TEMPERATURE:
TIN/LEAD CONTACT: -63°F TO +221°F (-55°C TO +105°C).
GOLD CONTACT: -63°F TO +261°F (-55°C TO +125°C).

NOTES:

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

3

5 XX - AG XX D - ESX

- 500 SERIES
- POSITIONS
- AG= INSULATOR
- LSG STYLE & TAIL CONFIGURATION
- D = PC TAIL STANDARD .125
- CONTACT PLATING GOLD THICKNESS ES, ESL

OUTLINE DRAWING

SPECIFICATIONS ARE SUBJECT TO CHANGES WITHOUT NOTICE

REV	DESCRIPTION	DATE	DR	APR
A	REVISED PER ECO-11-005294	16APR11	RK	HMR

THIRD ANGLE PROJECTION

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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DO NOT SCALE PRINT

FILE NAME: 5XXAOUT1 | DIRECTORY: PNCODEAS

MATERIAL: SEE SPECIFICATIONS

FINISH: SEE SPECIFICATIONS

ORIGINAL DATE OF DRAWING: 5-31-95

DRAWN: S.KIRCORIAN | DATE: 5-31-95

CHECKED: | DATE:

APPROVED: D.O'NEILL | DATE: 6-2-95

CODE IDENT. NO. 91506 | DWG. SIZE C

NEXT ASSY:

TE Connectivity

TITLE: OUTLINE DRAWING
500 SERIES

DWG. NO. 3 C-1437532-2 | REV. A

PRODUCT CODE: 6231

SCALE: | SHEET 1 OF 1

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Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

3-1393225-0 CPF0402B37K4E1 141991-2 650075-000 SBCHE64R7K 1903112-2 3430B2F51RTDF 936348-1 ROX05SJ18R U5254-000005-030PA RH73H2A40MKTN SBCHE154R7K 175977-2 2377783-2 3631B101LL CRGCQ2010J3K3 MPT100C18RF 1743455-2 917696-1 SMW73R0JT 2310537-1 2834055-1 1-794222-0 1393431-1 1969656-1 2-292161-3 2005330-1 2380312-2 TE50BR39J 1-962915-1