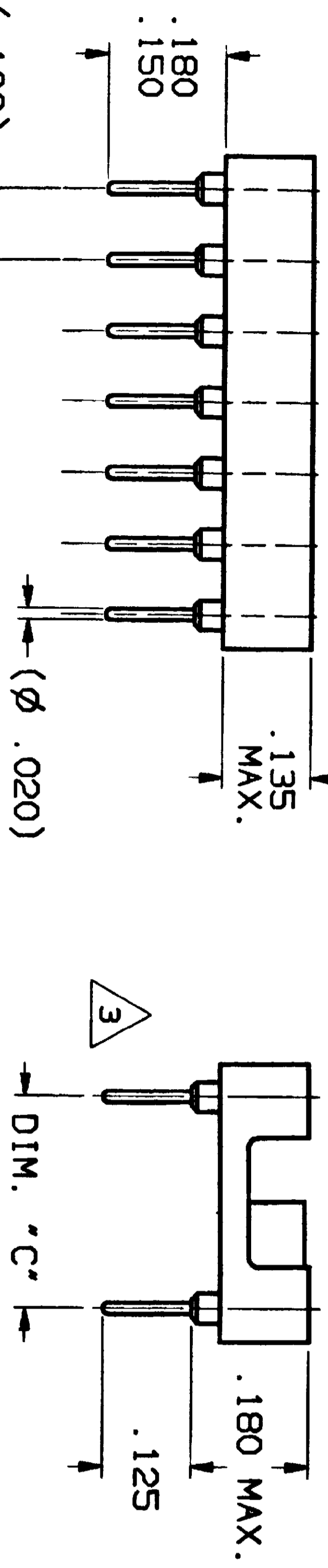
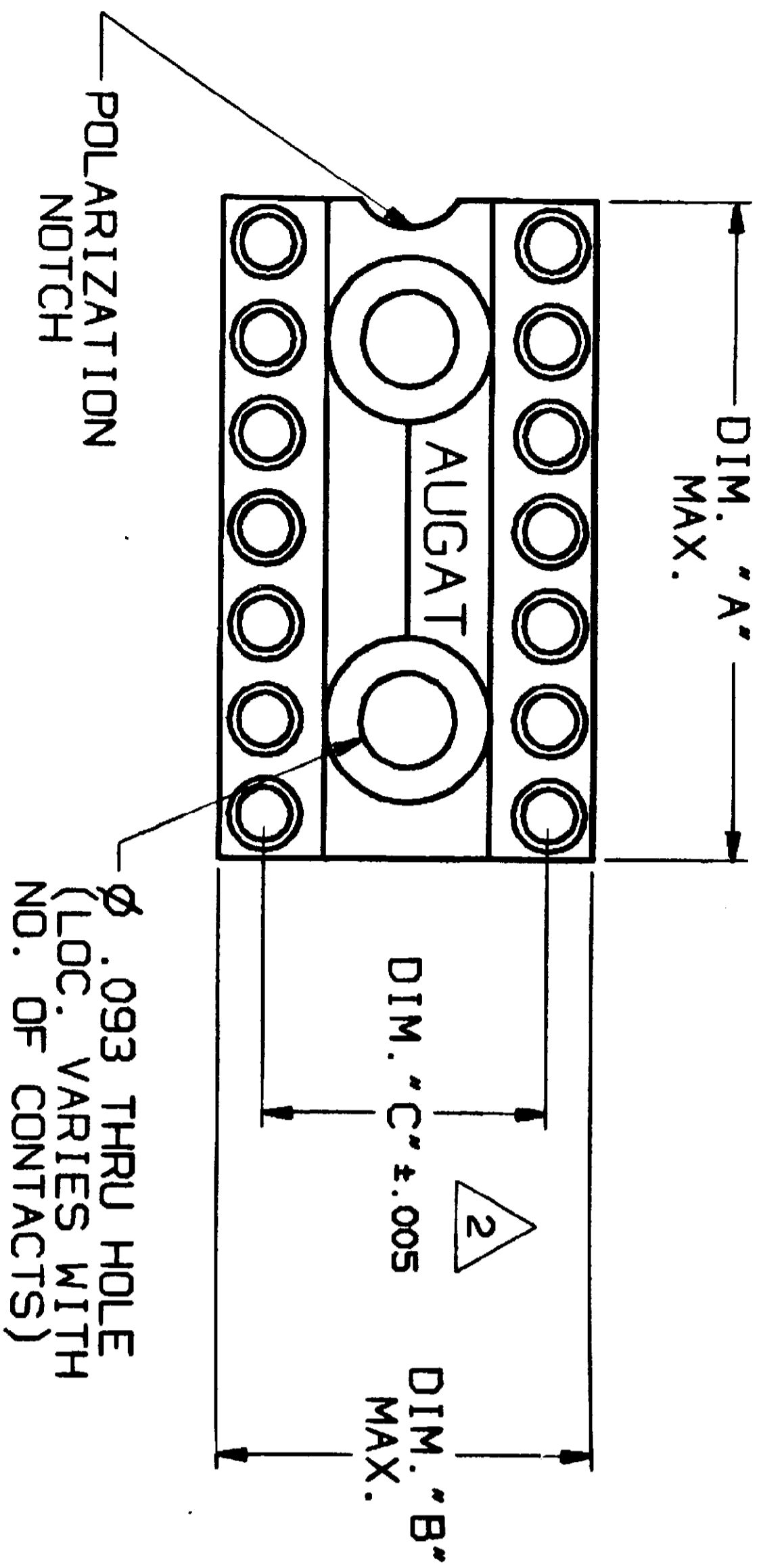
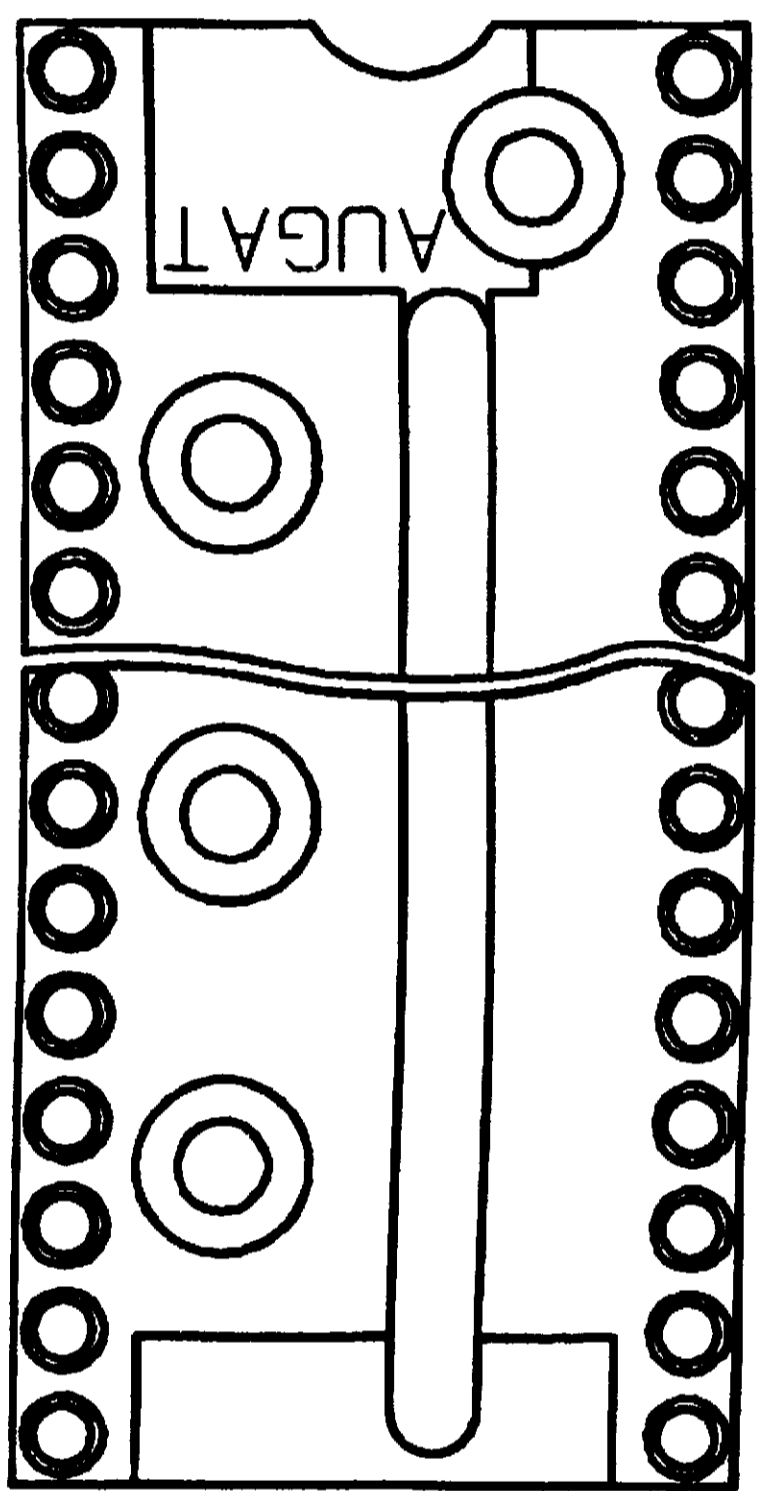
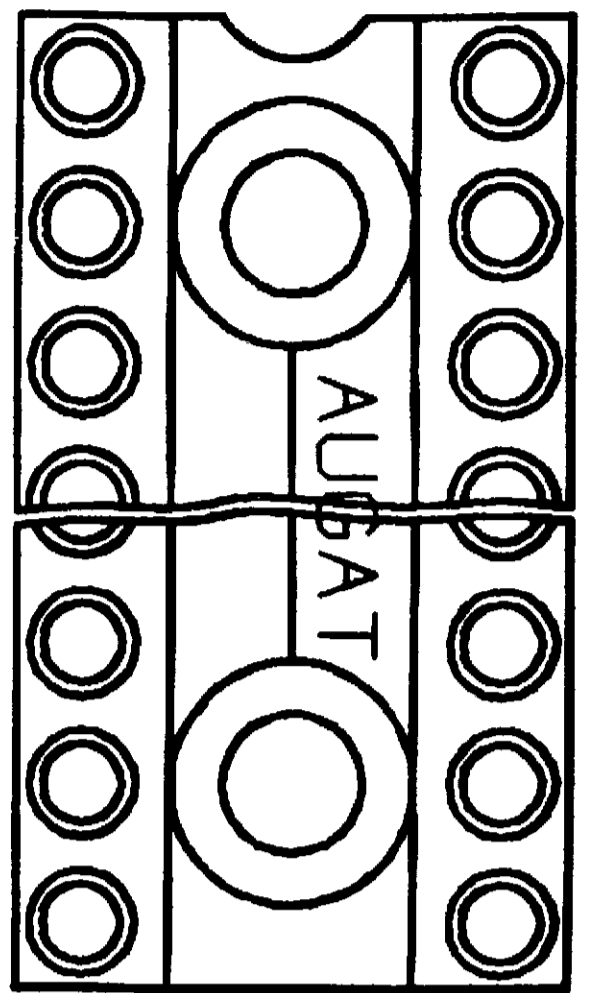


CONVERSION CHART	
INCH	MM
.002	0.05
.005	0.13
.010	0.25
.020	0.51
.035	0.89
.100	2.54
.125	3.18
.135	3.43
.180	4.57
.180	4.57
.150	3.82
.300	7.62
.400	10.16
.600	15.24
.700	17.78
.800	20.32
1.000	25.40
1.200	30.48
1.400	35.56
1.800	45.72
2.000	50.8
2.100	53.34
2.400	60.96
3.200	81.28



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

P. C. B. HOLE LAYOUT
TOLERANCE ± .002

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

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

SPECIFICATIONS:

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

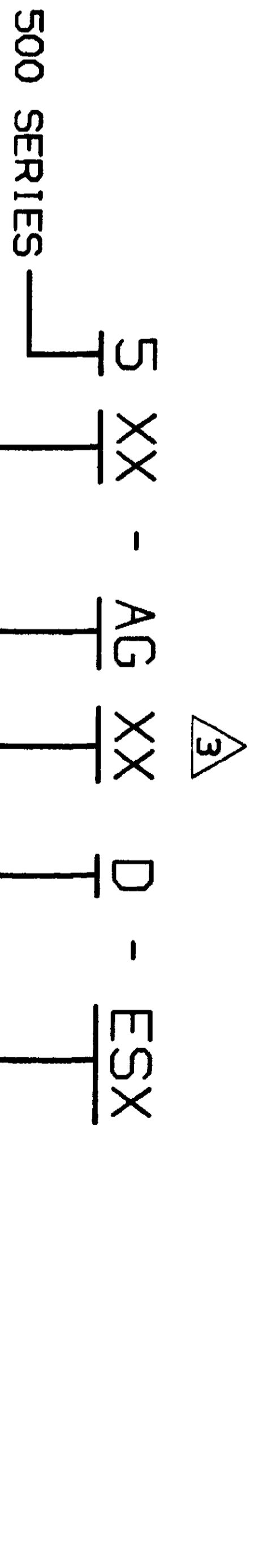
INSERTION FORCE: 179 GRAMS AVERAGE WHEN MEASURED WITH Ø .018 POLISHED STEEL PIN.
WITHDRAWAL FORCE: 63 GRAMS AVERAGE WHEN MEASURED WITH Ø .018 POLISHED STEEL PIN.

ENVIRONMENTAL:

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

NOTES:

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



OUTLINE DRAWING
SPECIFICATIONS ARE SUBJECT TO CHANGES WITHOUT NOTICE

FILE NAME: SXXA0011	DIRECTORY: PROCDEAS	DRAWN: S. KIROCORIAN	DATE: 5-31-95
CHECKED:	DATE:	APPROVED: D. O'NEILL	DATE: 6-2-95
CODE IDENT. NO. 91506	DWG. SIZE C	DWG. NO. C-1437532-2	REV. A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DO NOT SCALE PRINT

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

THIRD ANGLE PROJECTION

FINISH: SEE SPECIFICATIONS

SEE SPECIFICATIONS

ORIGINAL DATE 5-31-95
OF DRAWING: DATE: 5-31-95

TE Connectivity
500 SERIES

PRODUCT CODE: 8231
SCALE: SHEET 1 OF 1