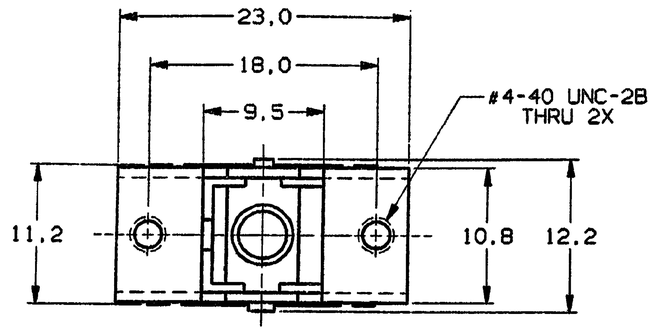
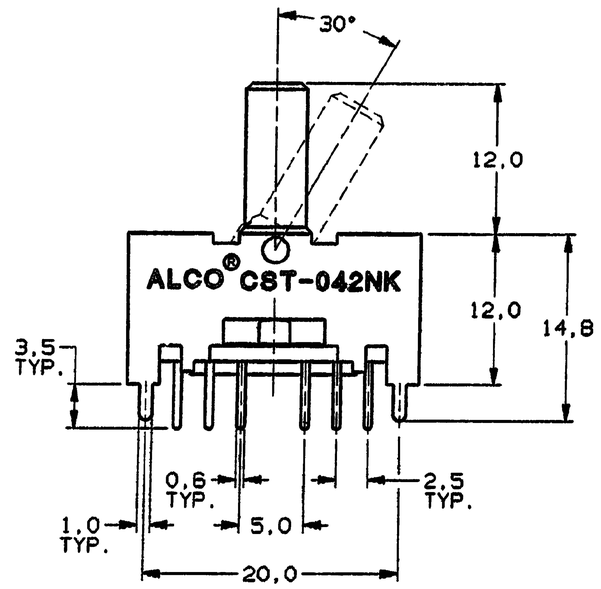
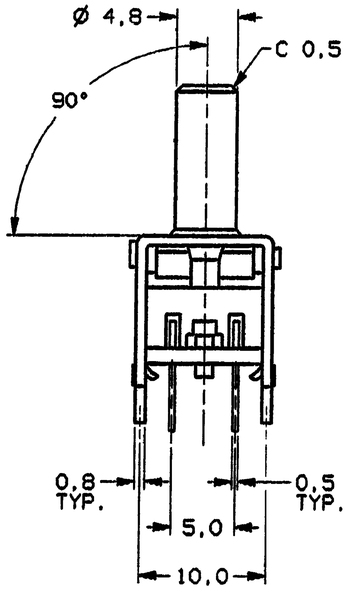
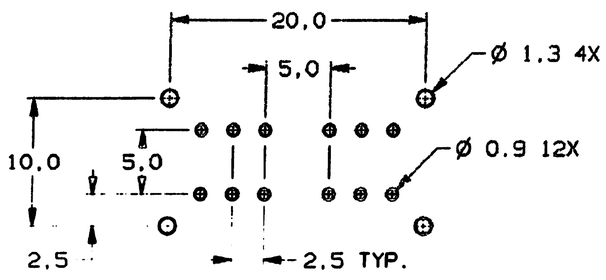
CONVERSION CHART	
MM	INCH
0,05	.002
0,12	.005
0,25	.010
0,5	.020
0,6	.024
0,8	.031
0,9	.035
1,0	.039
1,3	.051
2,5	.098
2,6	.104
3,2	.125
3,5	.138
4,8	.189
5,0	.197
9,0	.354
9,5	.374
10,0	.394
10,8	.425
11,2	.440
12,0	.472
12,2	.480
14,8	.582
18,0	.709
20,0	.787
23,0	.906



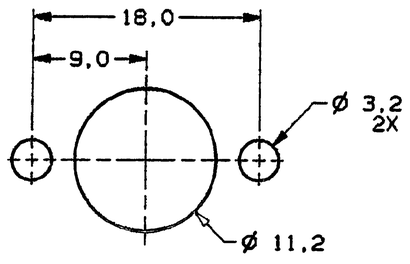






PC HOLE LAYOUT (TOP VIEW)

RECOMMENDED TOLERANCES ±0,05



SUGGESTED PANEL CUTOUT

RECOMMENDED TOLERANCES ±0,12

SPECIFICATIONS:

MATERIALS:
- FRAME: STEEL, TIN-PLATED.
- SLIDER: POLYCARBONATE.
- LEVER: POLYESTER.
- TERMINAL BOARD: PHENOLIC.
- FIXED CONTACT/TERMINAL: COPPER ALLOY, SILVER PLATE OVER NICKEL UNDERPLATE.
- MOVING CONTACT: COPPER ALLOY, SILVER CLAD OVER NICKEL FLASH.
- PRESSURE FINGER: POLYACETAL.
- PIN: STEEL.
- SPRING: STAINLESS STEEL.
- FIXING POSITION: POLYESTER.
- CAP: ALUMINUM.
- TERMINAL SEAL: EPOXY.

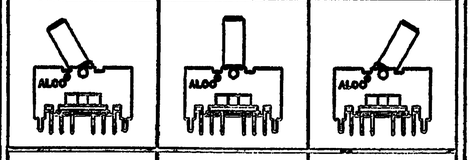
ELECTRICAL:
- CONTACT RATING: 0.3A @ 125 VAC (50-60 HZ), 0.2A @ 12 VDC.
- INITIAL CONTACT RESISTANCE: 30 MILLIOHMS MAX.
- INSULATION RESISTANCE: 100 MEGOHMS MIN. @ 500 VDC.
- DIELECTRIC STRENGTH: 500 VAC FOR 1 MINUTE.
- LIFE EXPECTANCY: 10,000 CYCLES.
- CONTACT TIMING: NON-SHORTING.

MECHANICAL:
- ACTUATION FORCE: 450 ±250 GRAMS.
- ACTUATION TRAVEL: 30°

ENVIRONMENTAL:
- OPERATING TEMPERATURE: -15°C TO +55°C, (+5°F TO +131°F).
- STORAGE TEMPERATURE: -20°C TO +60°C, (-4°F TO +140°F).

NOTES: UNLESS OTHERWISE SPECIFIED
1. INTERPRET DRAWING PER ANSI Y14.5M 1982.

CIRCUIT DIAGRAM



NONE	ON	ON

REV	DESCRIPTION	DATE	APP'D
O	INITIAL RELEASE ESR# A7995 C.THEODORE	1-20-97	1-21-97

OUTLINE DRAWING

SPECIFICATIONS ARE SUBJECT TO CHANGES WITHOUT NOTICE

THIRD ANGLE PROJECTION

TOLERANCES (EXCEPT AS NOTED)
ANGULAR = ±1°
DECIMAL = ±0.25

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FILE NAME: 80961OUT | DIRECTORY: TOGSWTCH

MATERIAL: SEE SPECIFICATIONS

FINISH: SEE SPECIFICATIONS

ORIGINAL DATE OF DRAWING: 1-20-97

DRAWN: C.THEODORE | DATE: 1-20-97

CHECKED: | DATE:

APPROVED: | DATE: 1-21-97

CODE IDENT. NO. 91506 | DWG. SIZE C

NEXT ASSY:

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

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

TITLE: OUTLINE DRAWING
TOGGLE SWITCH, CST042NK
4PDT, PC TERMINALS

DWG. NO. 80961 | REV. O

PRODUCT CODE:

SCALE: | SHEET 1 OF 1

CAD080892C

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CUSTOMER DRWG: 1437576-5 REV: 99 PG 1 OF 1