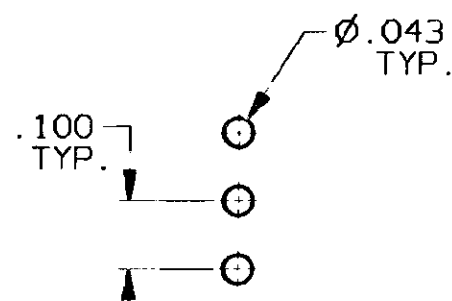
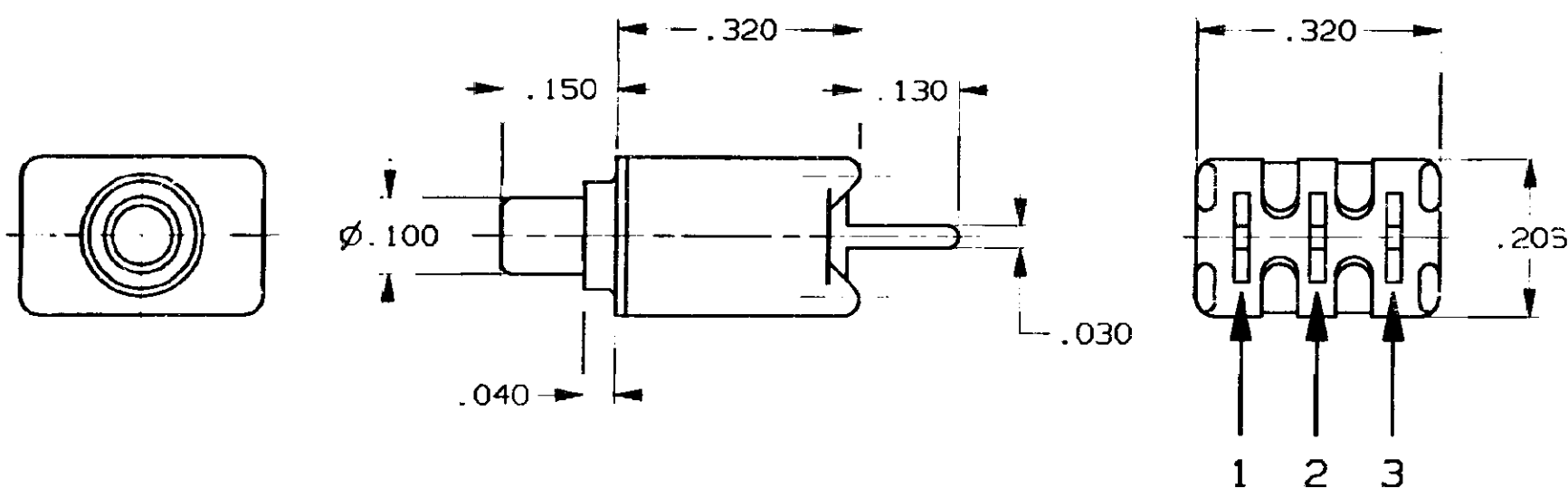
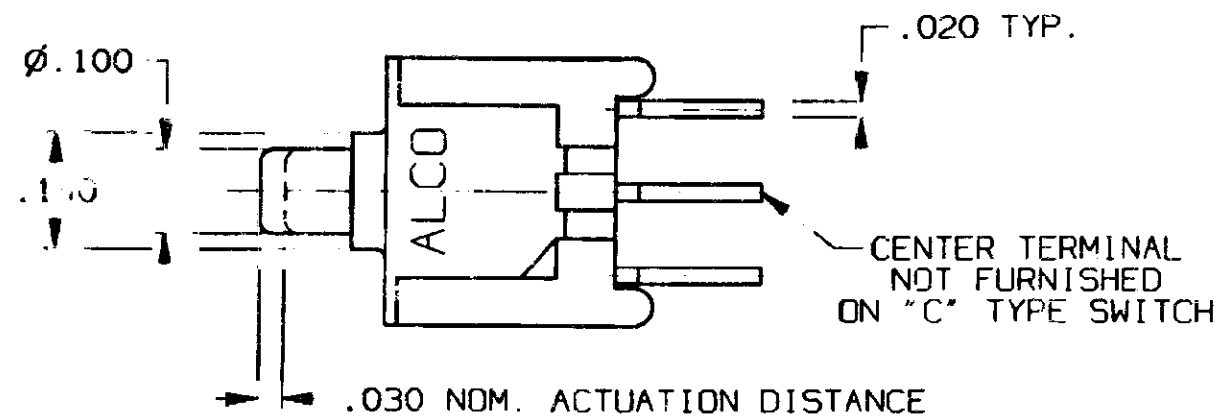


CONVERSION CHART	
INCH	MM
.002	0.05
.010	0.25
.020	0.50
.030	0.76
.040	1.01
.043	1.09
.100	2.54
.110	2.79
.130	3.30
.140	3.55
.150	3.81
.206	5.23
.320	8.12



RECOMMENDED HOLE LAYOUT
TOLERANCE $\pm .002$ UNLESS OTHERWISE NOTED

OPTIONS	
[**]	BUTTON COLOR
[0]	BLACK
[2]	RED
[9]	WHITE

SPECIFICATIONS:

MATERIALS:
CASE: HIGH TEMPERATURE POLYESTER, UL94V-0.
ACTUATOR BUTTON: POLYAMIDE. (SEE OPTIONS CHART).
TERMINALS: COPPER ALLOY, TIN/LEAD PLATE.
TERMINAL SEAL: SP EPOXY.
MOVING CONTACT: COPPER ALLOY, GOLD PLATE.
FIXED CONTACTS: COPPER ALLOY, GOLD PLATE.

ELECTRICAL:
CONTACT RATING, GOLD: 0.4 VA MAX. @ 20VDC OR PEAK AC.
INITIAL CONTACT RESISTANCE: 20 MILLIOHMS MAX.
INSULATION RESISTANCE: 1,000 MEGOHMS @ 500 VDC MIN.
DIELECTRIC STRENGTH: 1000 VOLTS RMS @ SEA LEVEL.
LIFE EXPECTANCY: 60,000 CYCLES.

MECHANICAL:
ACTUATION FORCE: 50 TO 400 GRAMS.
ACTUATION TRAVEL: .030 IN. APPROX.

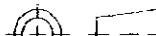
ENVIRONMENTAL:
OPERATING TEMPERATURE: -22°F TO $+149^{\circ}\text{F}$ (-30°C TO $+65^{\circ}\text{C}$).
STORAGE TEMPERATURE: -22°F TO $+149^{\circ}\text{F}$ (-30°C TO $+65^{\circ}\text{C}$).

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

CIRCUIT CONNECTIONS		
SWITCH (*) MODEL NO	FLAT ALCO 1 2 3	FLAT ALCO 1 2 3
TPA11(C)G-PC	OFF	3-1 (MOM)
TPA11(F)G-PC	2-1	2-3 (MOM)
NOTES: TERMINALS CONNECTED WHEN BUTTON IS IN POSITIONS SHOWN. TERMINAL DESIGNATION NUMBERS ARE FOR REFERENCE ONLY, AND DO NOT APPEAR ON SWITCHES.		

CUSTOMER DRAWING

SPECIFICATIONS ARE SUBJECT TO CHANGES WITHOUT NOTICE

	THIRD ANGLE PROJECTION	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLI- METERS. DO NOT SCALE PRINT		ORIGINAL DATE OF DRAWING:		9-23-96			
	TOLERANCES (EXCEPT AS NOTED)			DRAWN:		DATE:		TITLE: CUSTOMER DRAWING PUSHBUTTON SWITCH, (TPA11(*)G-PC[**])	
	ANGULAR = ±1°	C. THEODORE		9-23-96					
	DECIMAL .XXX = ±.010	MATERIAL:		CHECKED:		DATE:		DWG. NO.	
TYCO CONFIDENTIAL This document contains information which is the exclusive property of TYCO ELECTRONICS Distribution, reproduction or use by others is not permitted without the expressed written consent of Augat Inc.		SEE SPECIFICATIONS		APPROVED:		DATE:		2-1437571-5	
				CODE IDENT. NO.		DWG. SIZE		REV.	
				9150E		C		A	
FINISH:		SEE SPECIFICATIONS		NEXT ASSY:		PRODUCT CODE:		SCALE:	
								SHEET 1 OF 1	

AUGAT D/N 40102

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



REV	A
REVISIONS	063C-0173-02