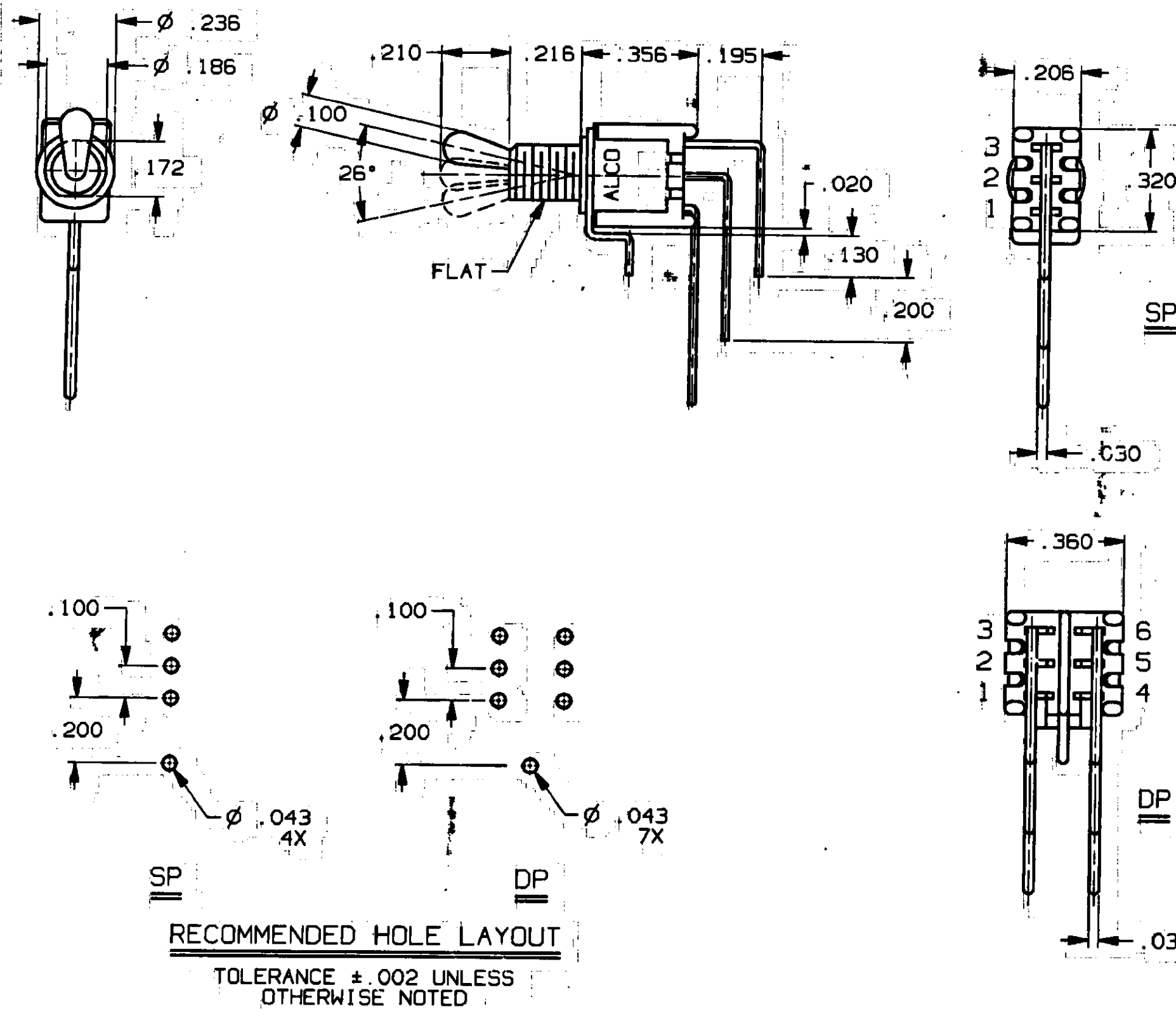


CONVERSION CHART	
INCH	MM
.002	0.05
.010	0.25
.015	0.38
.020	0.51
.030	0.76
.043	1.09
.100	2.54
.130	3.48
.150	3.81
.172	4.37
.186	4.72
.195	4.95
.200	5.08
.206	5.23
.210	5.33
.216	5.49
.236	5.99
.320	8.13
.356	9.04
.360	9.14



SPECIFICATIONS:

MATERIALS:
CASE: HIGH TEMPERATURE POLYESTER.
FRAME: STEEL, TIN PLATED.
ACTUATOR: COPPER ALLOY, NICKEL PLATED.
MOVABLE CONTACT: COPPER ALLOY, GOLD OVER NICKEL PLATE.
STATIONARY CONTACT: COPPER ALLOY, GOLD OVER NICKEL PLATE.
TERMINALS: COPPER ALLOY, TIN LEAD PLATED.
TERMINAL SEAL: EPOXY

ELECTRICAL:
CONTACT RATING: 0.4 VA @ 20 VDC OR PEAK AC
INITIAL CONTACT RESISTANCE: 20 MILLIOHMS MAX.
INSULATION RESISTANCE: 1,000 MEGOHMS AT 500 VDC MIN.
DIELECTRIC STRENGTH: 1,000 VOLTS RMS AT SEA LEVEL
LIFE EXPECTANCY: 80,000 CYCLES (2 POSITION)
60,000 CYCLES (3 POSITION)

ENVIRONMENTAL:
OPERATING TEMPERATURE: -22°F TO +185°F (-30°C TO +85°C)
STORAGE TEMPERATURE: -67°F TO +185°F (-55°C TO +85°C)

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

TERMINALS CONNECTED WHEN TOGGLE IS IN POSITIONS SHOWN.			
FUNCTION CODE			
TT21PG-VRA-1	2 TO 1 5 TO 4	OFF	2 TO 3 5 TO 6
TT21NG-VRA-1	2 TO 1 5 TO 4	NONE	2 TO 3 5 TO 6
TT11EG-VRA-1	2 TO 1	OFF	2 TO 3
TT11DG-VRA-1	2 TO 1	NONE	2 TO 3

NOTE:
TERMINAL DESIGNATION NUMBERS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON SWITCHES.

CUSTOMER DRAWING		AUGAT D/N 40158		
SPECIFICATIONS ARE SUBJECT TO CHANGES WITHOUT NOTICE				
 TOLERANCES (EXCEPT AS NOTED) ANGULAR = ±1° DECIMAL .XX = ±.010 DECIMAL .XXX = ±.010 DECIMAL .XXXX = ±.010	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DO NOT SCALE PRINT	ORIGINAL DATE OF DRAWING: 8-6-83	TYCO ELECTRONICS TITLE: CUSTOMER DRAWING TOGGLE SWITCH VRA SP, DP DMG. NO. 4-1437561-8 REV. B	
	FILE NAME: 4015801T	DIRECTORY: TINSWCH		DRAWN: E. RODRIGUEZ
	MATERIAL: SEE SPECIFICATIONS			CHECKED: B. BUCKHEIT
	FINISH: SEE SPECIFICATIONS			APPROVED: RMM
		DATE: 8-8-83		
		DATE: 8-9-83		
		CODE IDENT. NO. 91506		
		DMG. SIZE C		

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