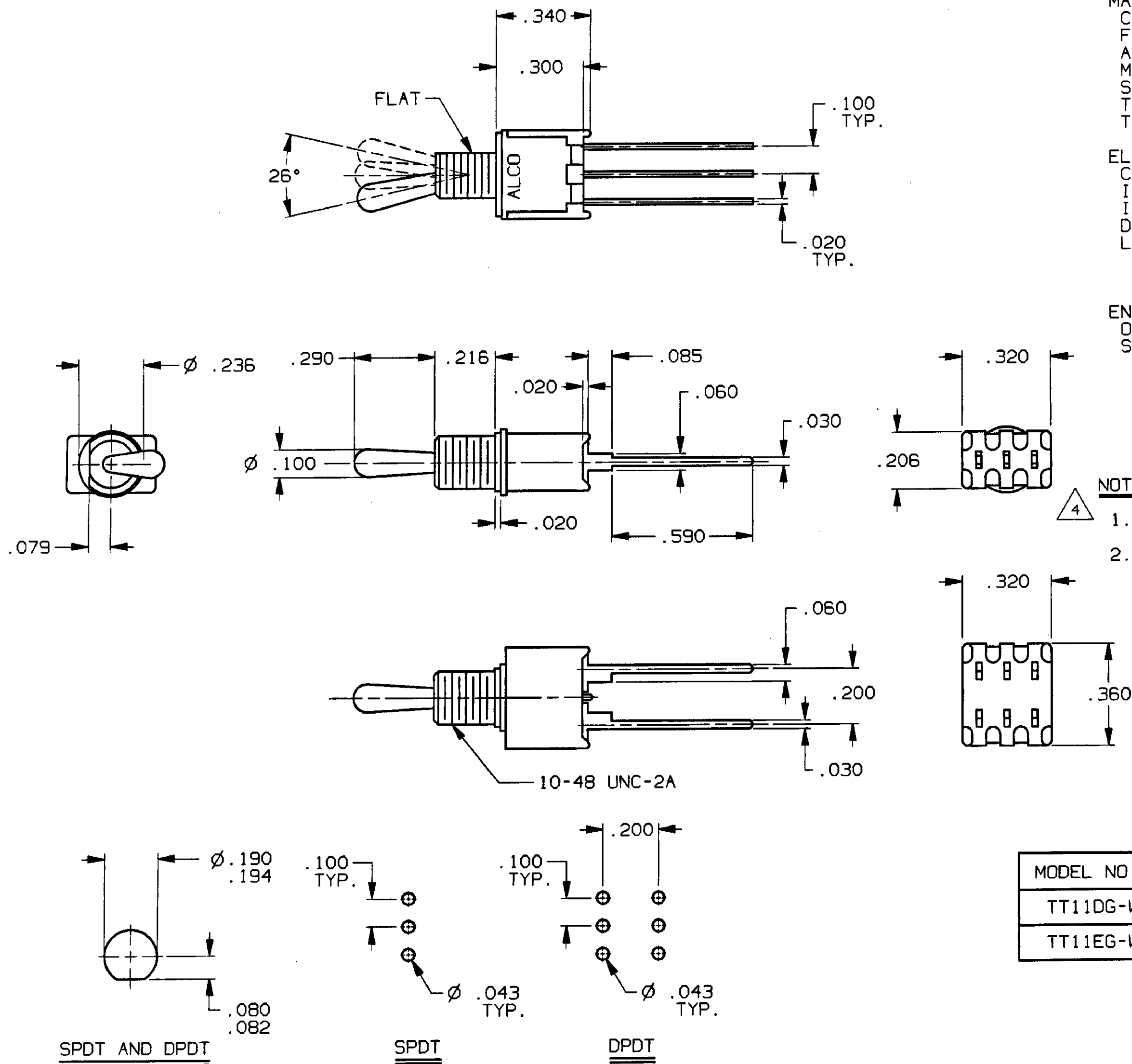


CONVERSION CHART	
INCH	MM
.002	0.05
.010	0.25
.020	0.51
.030	0.76
.043	1.09
.060	1.52
.079	2.01
.080	2.03
.082	2.08
.085	2.16
.100	2.54
.190	4.83
.194	4.93
.200	5.08
.206	5.23
.216	5.49
.236	5.99
.290	7.37
.300	7.62
.320	8.13
.340	8.64
.360	9.14
.590	14.99



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 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:

- INTERPRET DRAWING PER ASME Y14.5M-1994.
- SUPPLIED WITH MOUNTING HARDWARE.

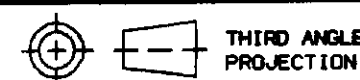
MODEL NO. SPDT	MODEL NO. DPDT	POSITIONS	ACTION
TT11DG-WW-2T	TT21NG-WW-2T	2	ON-NONE-ON
TT11EG-WW-2T	TT21PG-WW-2T	3	ON-OFF-ON

RECOMMENDED HOLE LAYOUT

TOLERANCE ±.002 UNLESS
OTHERWISE NOTED

CUSTOMER DRAWING

SPECIFICATIONS ARE SUBJECT TO CHANGES WITHOUT NOTICE



THIRD ANGLE
PROJECTION

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

MATERIAL:
SEE SPECIFICATIONS

FINISH:
SEE SPECIFICATIONS

ORIGINAL DATE
OF DRAWING: 1-30-78

DRAWN:
B.B. DATE:
1-30-78

CHECKED: DATE:

APPROVED: DATE:
6/28/95

CODE IDENT. NO. DWG. SIZE

91506 C

NEXT ASSY:

TYCO ELECTRONICS

TITLE: **CUSTOMER DRAWING**
SUBMINIATURE TOGGLE SWITCH
SPDT & DPDT

DWG. NO. **5-1437561-0** REV. **B**

PRODUCT CODE: A51

SCALE: SHEET 1 OF 1

REV **B**
REVISIONS
0G3C-0194-05
MZ 28MAR07