



CONVERSION CHART	
INCH	MM
.002	0.05
.010	0.25
.020	0.51
.030	0.76
.043	1.09
.094	2.39
.100	2.54
.123	3.12
.130	3.30
.135	3.43
.200	5.08
.206	5.23
.227	5.77
.227	5.77
.230	5.84
.250	6.35
.254	6.45
.280	7.11
.310	7.87
.320	8.13
.340	8.64
.420	10.67
.485	12.32

**SPECIFICATIONS:**

**MATERIALS:**  
CASE: THERMOPLASTIC 94V-0.  
FRAME: STEEL, TIN PLATED.  
ACTUATOR: COPPER ALLOY, NICKEL PLATED.  
MOVING CONTACT: COPPER ALLOY, GOLD OVER NICKEL PLATE.  
FIXED CONTACT/TERMINAL: COPPER ALLOY, TIN/LEAD PLATE.  
TERMINAL SEAL: EPOXY.

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

**MECHANICAL:**  
ACTUATION TRAVEL: 26°.

**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 ANSI Y14.5M-1982.

TERMINALS CONNECTED WHEN TOGGLE IN POSITIONS SHOWN.			
SWITCH ACTION CODE (*)			
D	2 TO 3	NONE	2 TO 1
E	2 TO 3	OFF	2 TO 1
F	2 TO 3 (MOM)	NONE	2 TO 1

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

AUGAT D/N 40305

CUSTOMER DRAWING			
SPECIFICATIONS ARE SUBJECT TO CHANGES WITHOUT NOTICE			
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DO NOT SCALE PRINT		ORIGINAL DATE OF DRAWING: 10-2-96
	FILE NAME: 40305.DWG	DIRECTORY: TINYSWITCH	PROJECT: S.KIRCORIAN
TOLERANCES (UNLESS NOTED): ANGULAR .XX ± .010 DECIMAL .XXX ± .010 ORIGINAL .XXX ± .010		MATERIAL: SEE SPECIFICATIONS	DRAWN: S.KIRCORIAN
FINISH: SEE SPECIFICATIONS		CODE IDENT. NO. 91506	DATE: 10-2-96
		DWG. SIZE C	CHECKED: DATE:
		NEXT ASSY:	APPROVED: DATE:

TYCO ELECTRONICS	
TITLE: CUSTOMER DRAWING TOGGLE SWITCH TINY SERIES S.P. R.A. (TT11(*)G-RA-7T 1/4)	
DWG. NO. 4-1437561-5	REV. B
PRODUCT CODE: A81	
SCALE: 1:1	

REV	B
REVISIONS	OG3C-0194-05 MZ 28MAR07

# Mouser Electronics

Authorized Distributor

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[TT11DGRA7T1/4](#)