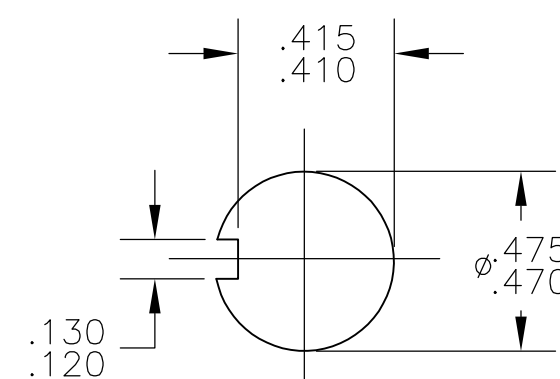
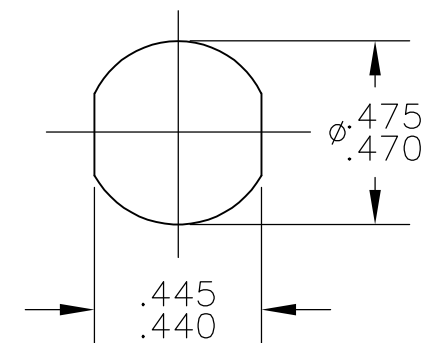
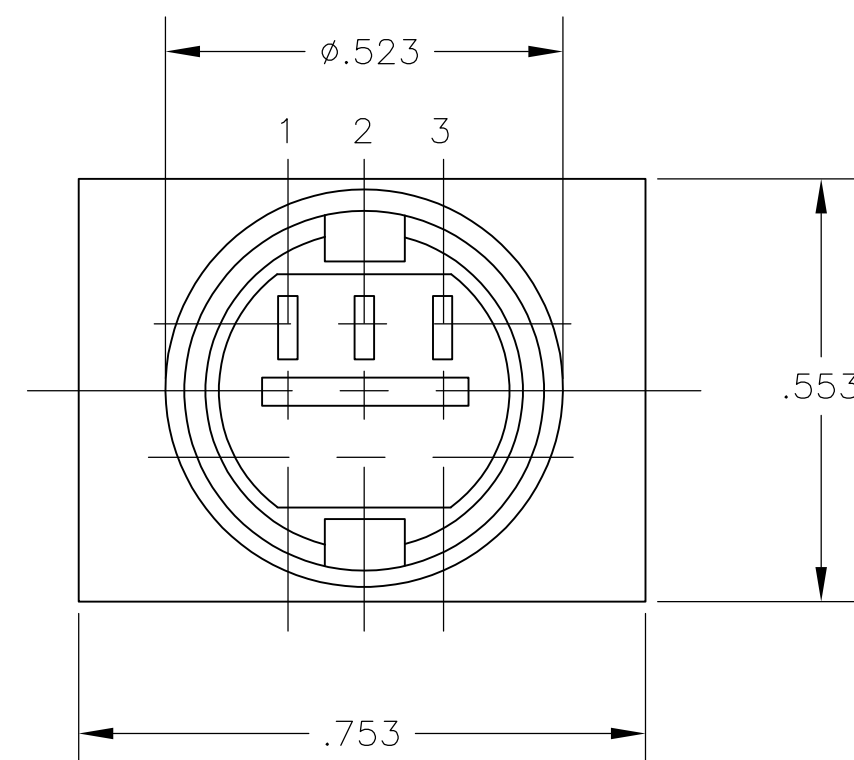
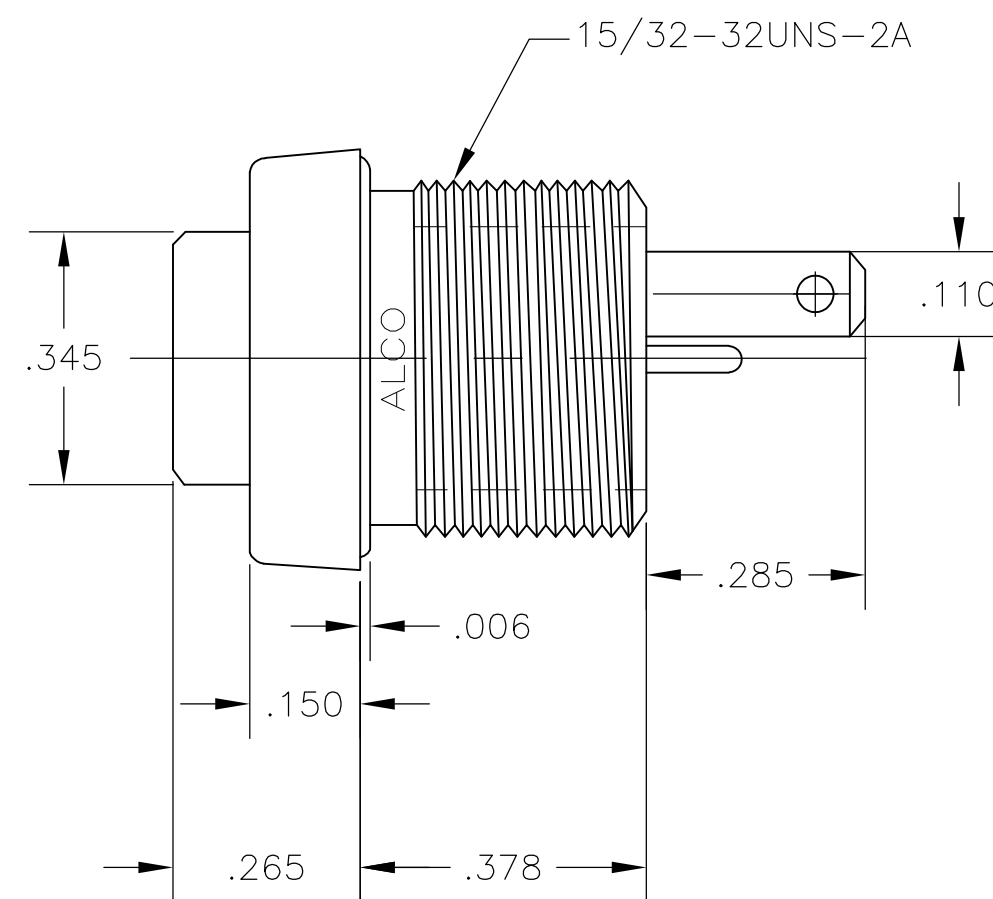
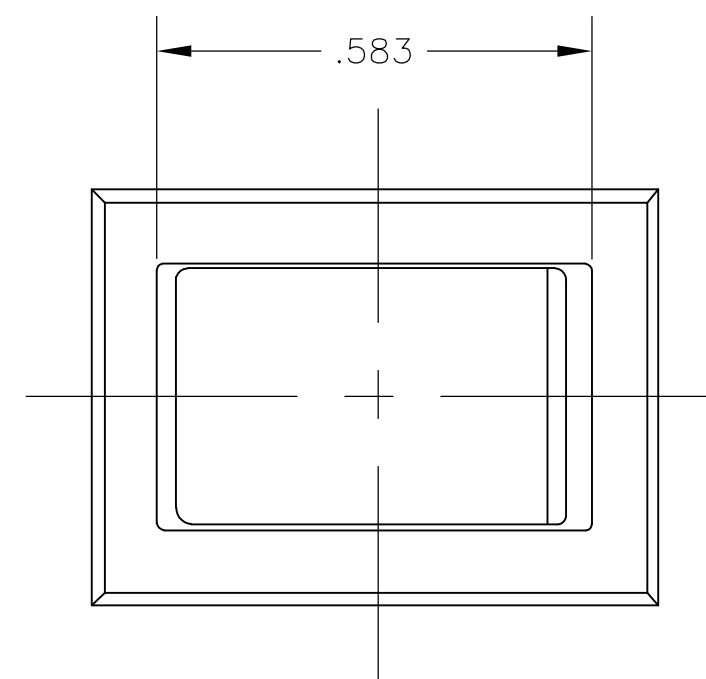
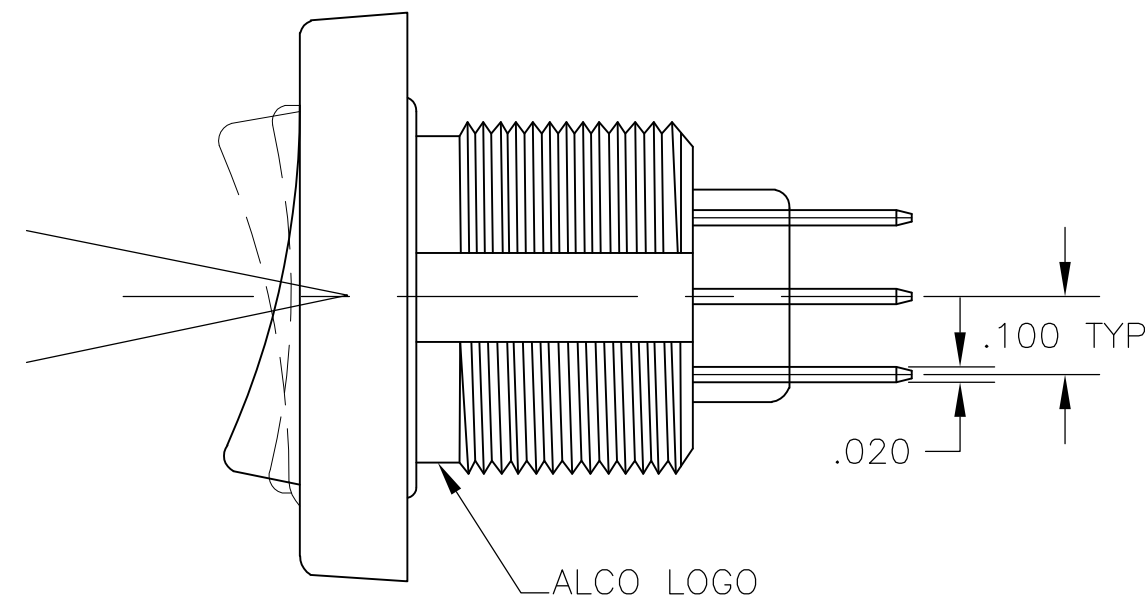
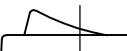




PANEL CUTOUTS
SCALE 2:1

FUNCTION CHART							
PART NUMBER	ALCO P/N	POLE	THROWS	RATING			
1825422-1	TRD13D10QC04	1	2	3A	ON	NONE	ON
1825422-2	TRD13F10QC04	1	2	3A	(ON)	NONE	ON
TERMINALS CONNECTED					2-1	—	2-3

NONE: NO MECHANICAL POSITION
OFF: MECHANICAL POSITION WITH NO ELECTRICAL CONNECTION
(ON): MOMENTARY ACTION

NOTES:

1. ALL MATERIALS AND FINISHES COMPLY WITH EU DIRECTIVE 2002 /95 /EC OF 27JAN2003 (RoHS).
2. TERMINAL NUMBERS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON THE SWITCHES.
3. MOUNTING HARDWARE: (1) HEX NUT AND (1) INTERNAL TOOTH LOCKWASHER SUPPLIED WITH SWITCH.

MATERIAL CHART		
COMPONENT NAME	BASE MATERIAL	FINISH
CASE	PPO, BLACK, UL94-HB	
SPRING	MUSIC WIRE	
SPRING, F FUNCTION	MUSIC WIRE	
INSULATOR	POLYETHERIMIDE, NATURAL	
TERMINAL, END, D FUNCTION	SILVER CLAD COPPER	SILVER OVER NICKEL
TERMINAL, CENTER, D FUNCTION	BRASS	SILVER OVER NICKEL
TERMINAL, END, HIGH, F FUNCTION	SILVER CLAD COPPER	SILVER OVER NICKEL
TERMINAL, END, LOW, F FUNCTION	BRASS	SILVER OVER NICKEL
TERMINAL, CENTER, F FUNCTION	SILVER CLAD COPPER	SILVER OVER NICKEL
ROCKER CONTACT	SILVER CLAD COPPER	
NUT	BRASS	NICKEL
LOCKWASHER	STAINLESS STEEL	
TERMINAL SEAL	ACRYLIC RESIN	

SPECIFICATION CHART	
RATING	3A @ 125 VAC OR 28 VDC, RESISTIVE
INITIAL CONTACT RESISTANCE	20 MILLIOHMS MAX.
INSULATION RESISTANCE	1,000 MEGAOHMS MIN @ 500 VDC
DIELECTRIC WITHSTANDING VOLTAGE	500 V RMS AT SEA LEVEL
ELECTRICAL LIFE, 2 POSITION	80,000 CYCLES
ELECTRICAL LIFE, 3 POSITION	10,000 CYCLES
MECHANICAL LIFE, 2 POSITION	100,000 CYCLES
MECHANICAL LIFE, 3 POSITION	50,000 CYCLES
OPERATING TEMPERATURE	-20°C TO +80°C
STORAGE TEMPERATURE	-45°C TO +95°C

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN BSV		16JUN07		Tyco Electronics Corporation	
DIMENSIONS:		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		Tyco Electronics		Harrisburg, Pa 17105-3608	
INCHES		APVD MILBOURN		14JUN07		NAME	
		0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± ± -		PRODUCT SPEC - APPLICATION SPEC -		TRD SERIES ROCKER SWITCH, 1 POLE, 3A, QC TERMINALS -	
MATERIAL		FINISH		SIZE		CAGE CODE	
SEE TABLE		SEE TABLE		DRAWING NO		RESTRICTED TO	
		WEIGHT -		A1 00779		C- 1825422	
CUSTOMER DRAWING				SCALE 4:1		SHEET 1 OF 1	
				REV A			