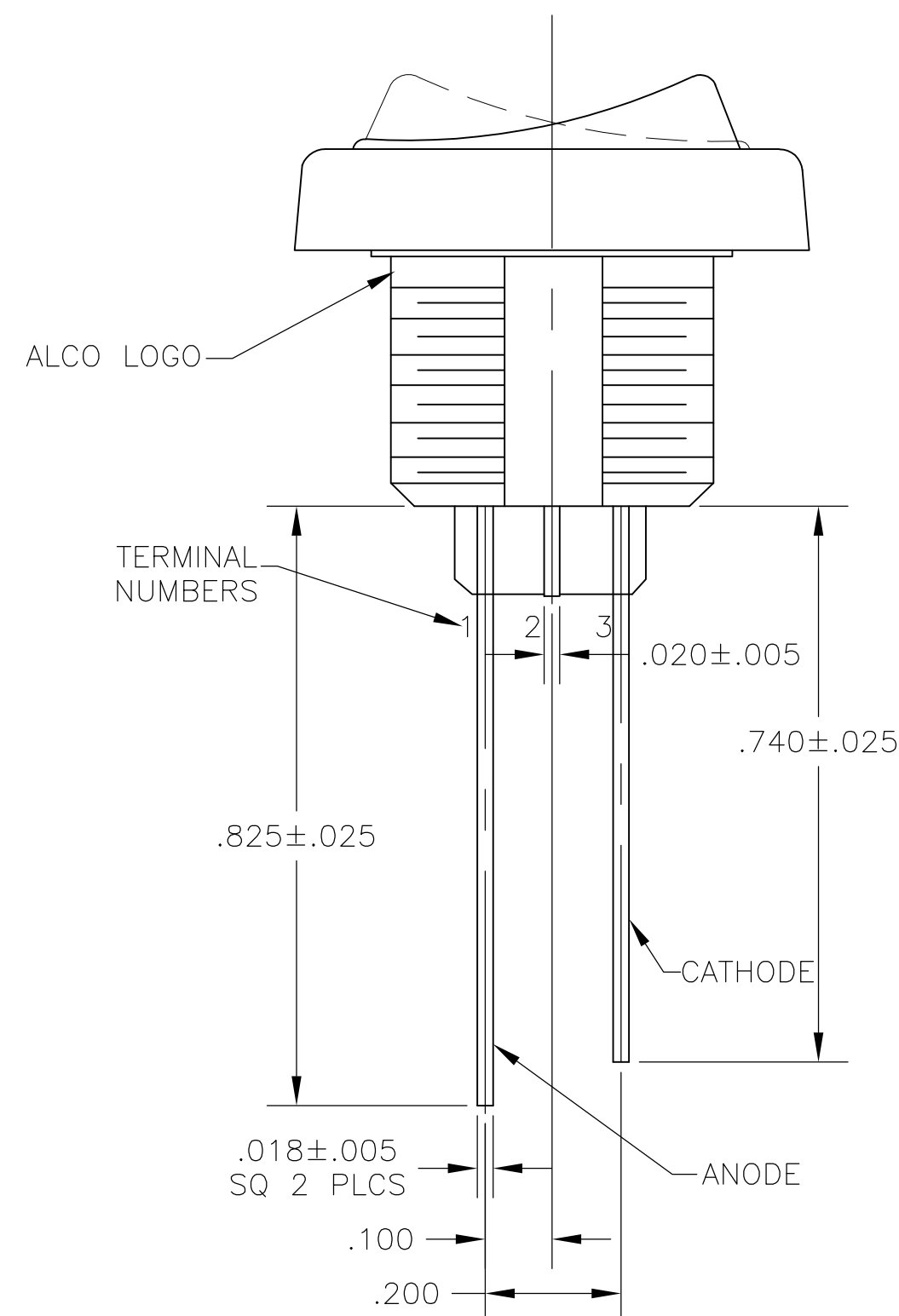
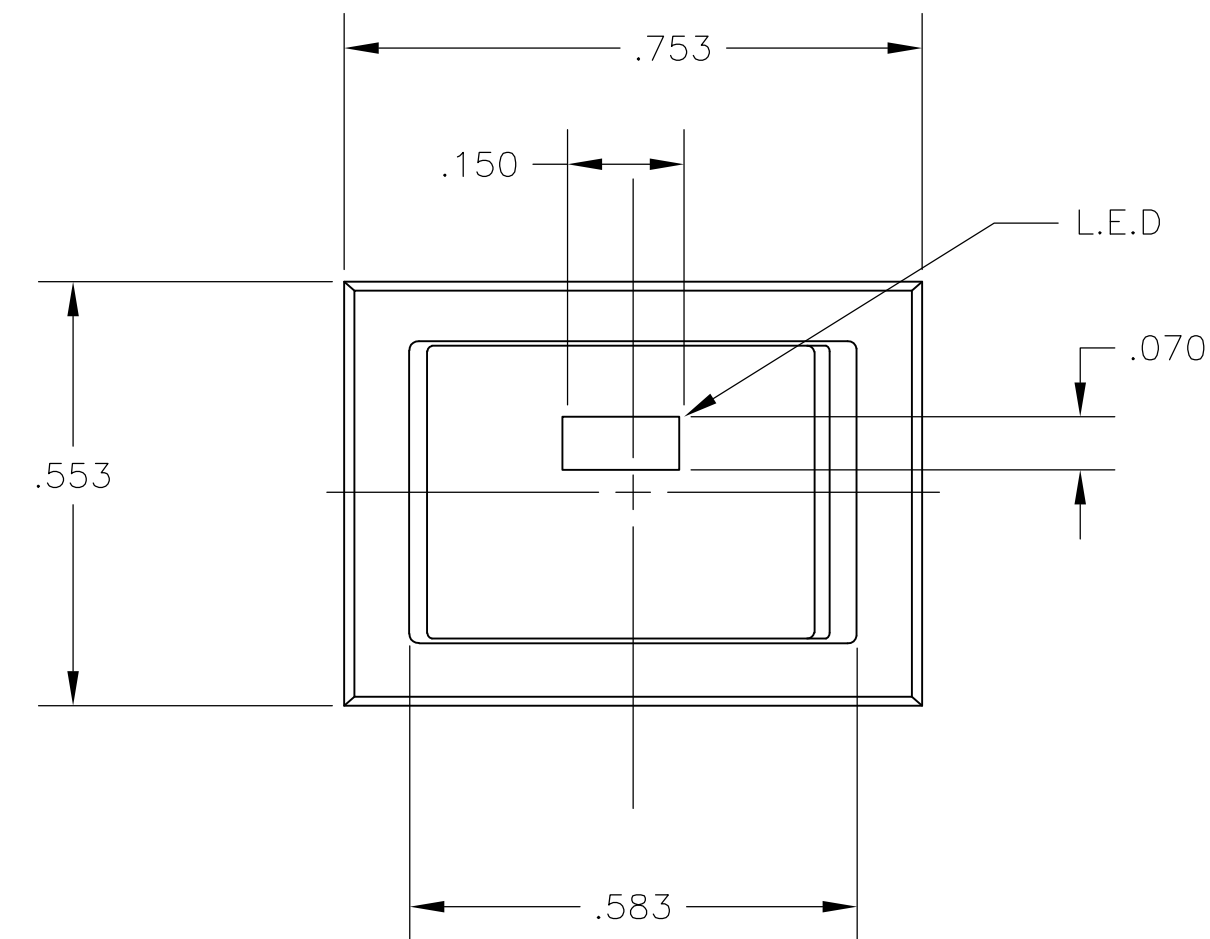
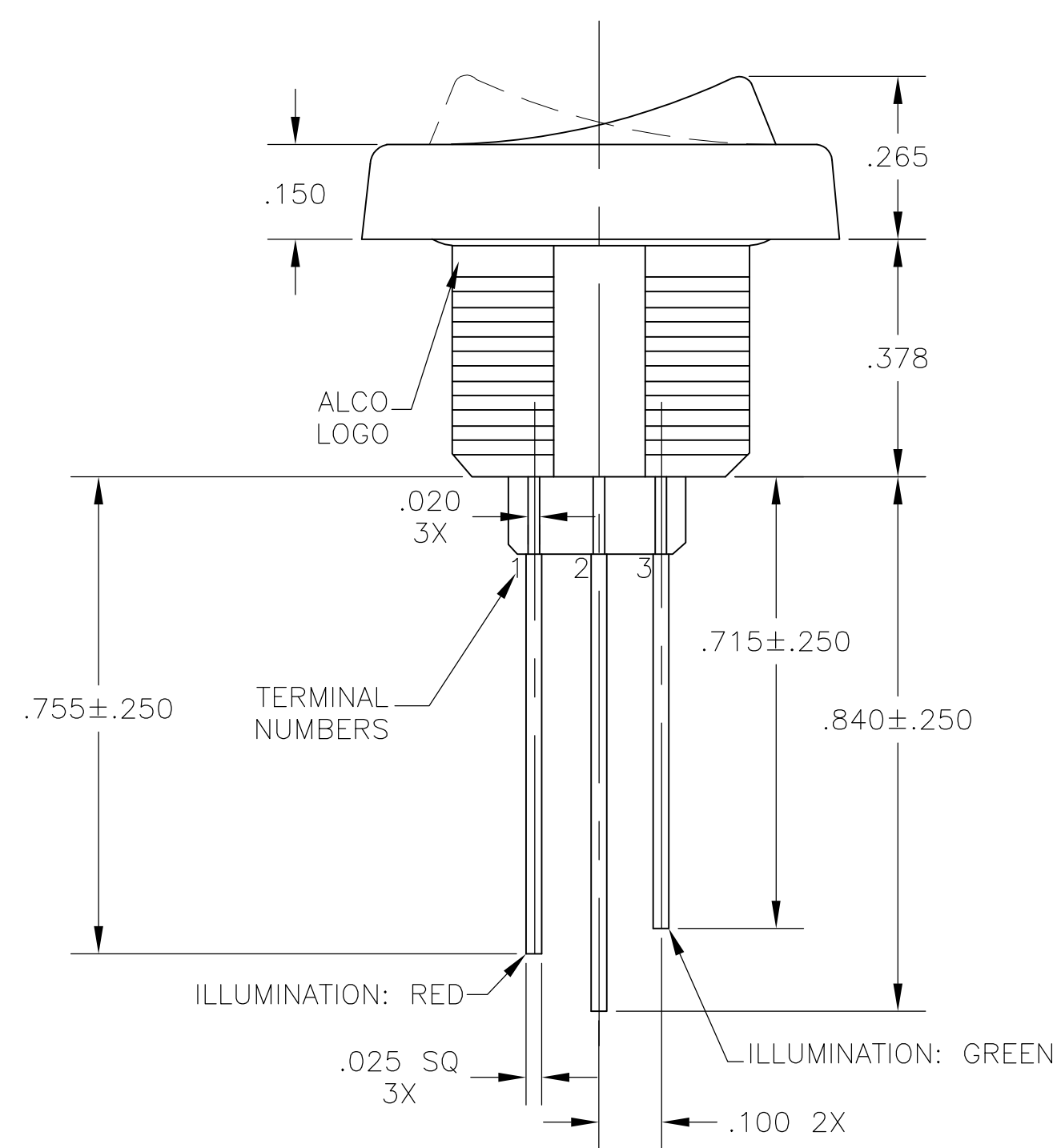
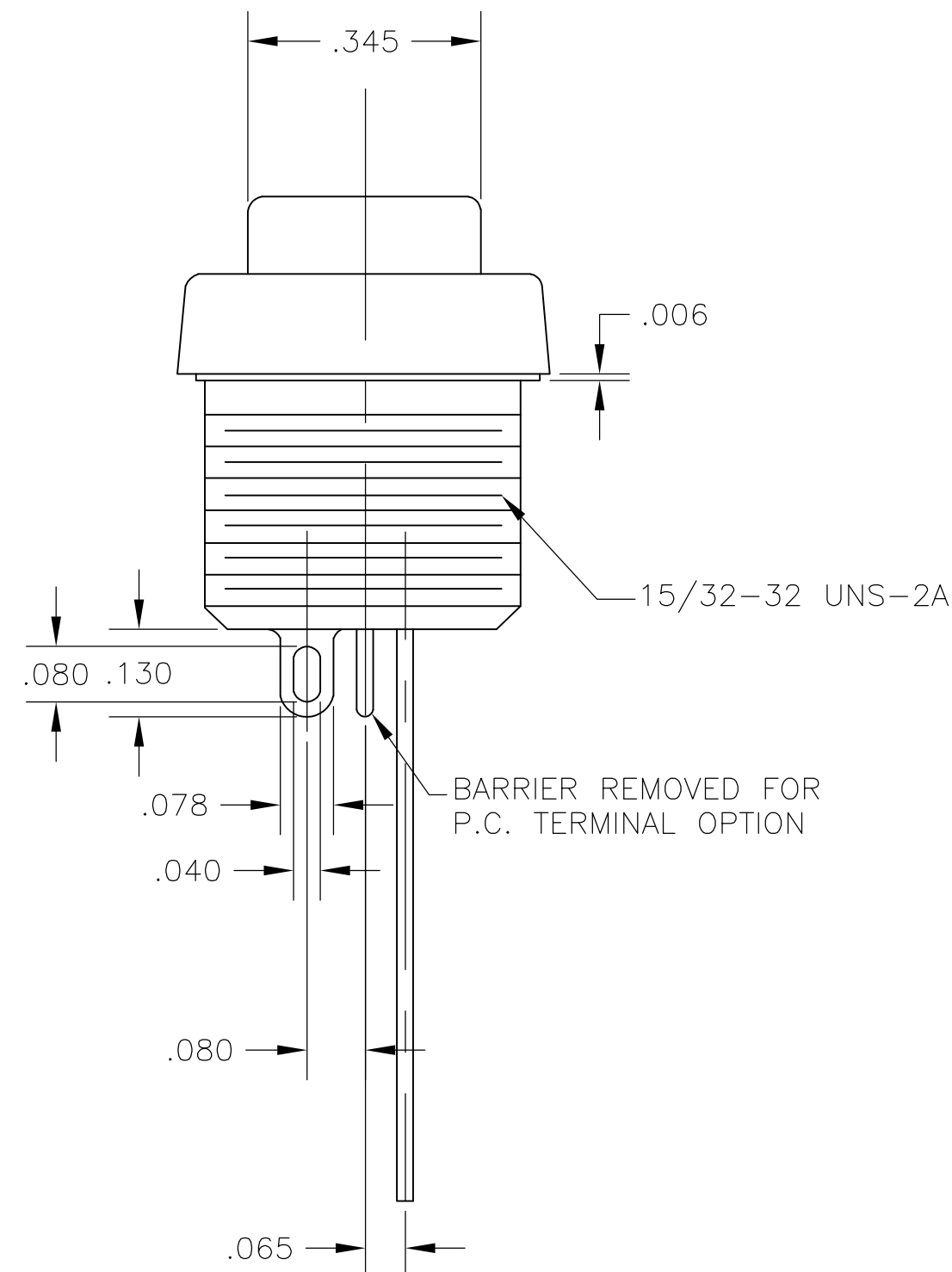




RED OR GREEN LED



BI-COLOR RED/GREEN LED

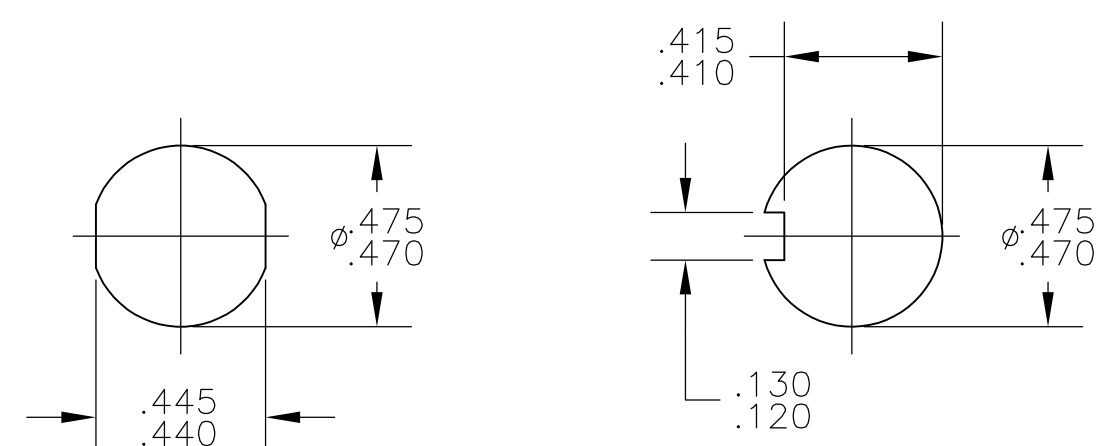


NOTES:

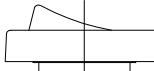
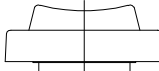
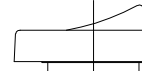
1. ALL MATERIALS AND FINISHES COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (RoHS).
2. TERMINAL NUMBERS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON THE SWITCHES.
3. MOUNTING HARDWARE: (1) HEX NUT AND (1) INTERNAL TOOTH LOCKWASHER SUPPLIED WITH SWITCH.

MATERIAL CHART		
COMPONENT NAME	BASE MATERIAL	FINISH
CASE	PPO, BLACK, UL94-HB	
ROCKER	NYLON 6/6, BLACK, UL94-V2	
SPRING	MUSIC WIRE	
SPRING, G FUNCTION	MUSIC WIRE	
INSULATOR	POLYETHERIMIDE, NATURAL	
TERMINAL, END, D, E & G FUNCTIONS	SILVER CLAD COPPER	GOLD OVER NICKEL
TERMINAL, CENTER, D, E & G FUNCTIONS	BRASS	GOLD OVER NICKEL
YOKE, E FUNCTION	BRASS	GOLD OVER NICKEL
ROCKER CONTACT	SILVER CLAD COPPER	
ROCKER CONTACT, G FUNCTION	SILVER CLAD COPPER	SILVER
NUT	BRASS	NICKEL
LOCKWASHER	STAINLESS STEEL	
TERMINAL SEAL	ACRYLIC RESIN	
LED WINDOW	ACRYLIC, TRANSPARENT	
LED		

SPECIFICATION CHART	
RATING	3A MAX @ 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
LED VOLTAGE	2.8 VDC MAX.
LED FORWARD CURRENT, MAX.	RED: 20mA, GREEN:25mA, RED/GREEN: 40mA



PANEL CUTOUTS
SCALE 2:1

FUNCTION CHART								
PART NUMBER	ALCO P/N	POLE	THROWS	RATING	LED COLOR			
1825426-1	TRD13D10WLLR204	1	2	3A	RED	ON	NONE	ON
1825426-2	TRD13D10WLLR2504	1	2	3A	RED/GREEN	ON	NONE	ON
1825426-3	TRD13D10WLLR504	1	2	3A	GREEN	ON	NONE	ON
1825426-4	TRD13E10WLLR204	1	2	3A	RED	ON	OFF	ON
1825426-5	TRD13G10WLLR204	1	2	3A	RED	(ON)	OFF	(ON)
		TERMINALS CONNECTED				2-1	-	2-3

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG. —		Tyco Electronics		Tyco Electronics Corporation	
		CHK. M. ZITTO 17/JUN/06				Harrisburg, Pa 17105-3608	
DIMENSIONS:		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		NAME		TRD SERIES ROCKER SWITCH	
INCHES		APVD M. ZITTO 17/JUN/06				1 POLE, 3A, WIRE LUG TERMINALS WITH LED	
		0 PLC ± .		PRODUCT SPEC			
		1 PLC ± .		—			
		2 PLC ± .		APPLICATION SPEC			
		3 PLC ± .					
		4 PLC ± .					
ANGLES ± .				SIZE		RESTRICTED TO	
MATERIAL		FINISH		WEIGHT		CAGE CODE	
SEE TABLE		SEE TABLE		—		DRAWING NO.	
				A1 00779		C= 1825426	
CUSTOMER DRAWING				SCALE		SHEET	
				4:1		1 OF 1	
						REV. A	

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