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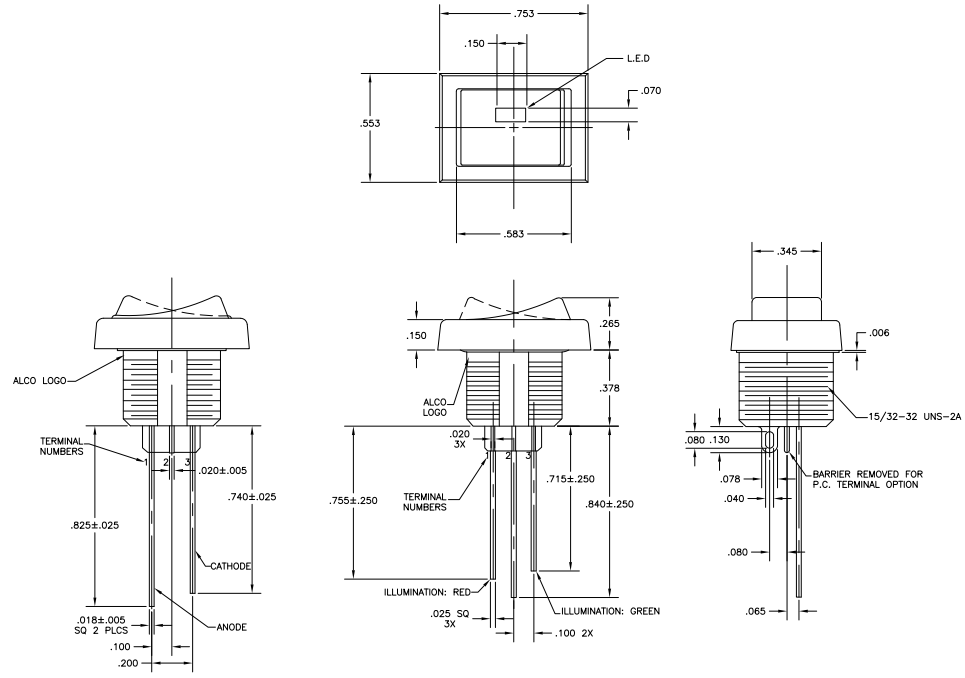
REVISIONS					
LTR	DESCRIPTION	DATE	DWN	APVD
A	ECO 05 013298	17JUN06	BSV	MZ

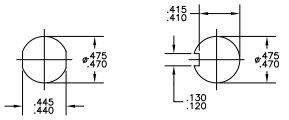


NOTES:

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	1 2 3	1 2 3	1 2 3
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.
DIMENSIONS: INCHES
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± –, 1 PLC ± –, 2 PLC ± –, 3 PLC ± –, 4 PLC ± –, ANGLES ± –
MATERIAL: SEE TABLE
FINISH: SEE TABLE

TBR –
CHK M.ZITTO 17JUN06
APVD M.ZITTO 17JUN06
PRODUCT SPEC –
APPLICATION SPEC –
WEIGHT –

Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

NAME: TRD SERIES ROCKER SWITCH
1 POLE, 3A, WIRE LUG TERMINALS WITH LED
–

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1825426	–

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 1 | REV A

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