THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION – ;– .
© COPYRIGHT – By: – ALL RIGHTS RESERVED.

LOC	DIST
AD	00

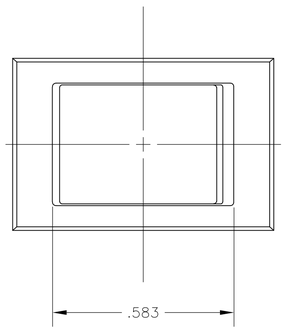
REVISIONS

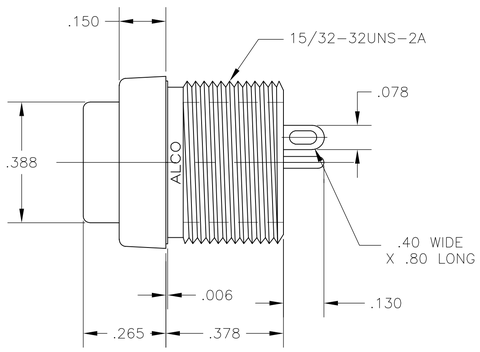
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A2	REVISED PER ECO-11-004917	11MAR11	RK	HMR

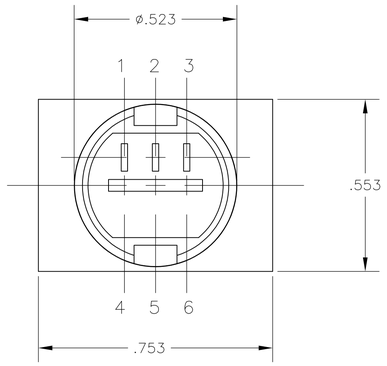
1 ALL MATERIALS AND FINISHES COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (RoHS).

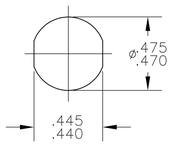
2 TERMINAL NUMBERS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON THE SWITCHES.

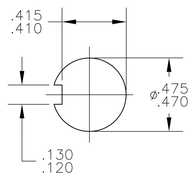
3 MOUNTING HARDWARE: (1) HEX NUT AND (1) INTERNAL TOOTH LOCKWASHER SUPPLIED WITH SWITCH.











PANEL CUTOUTS
SCALE 2:1

MATERIAL CHART		
COMPONENT NAME	BASE MATERIAL	FINISH
CASE	PPO, BLACK, UL94-HB	
ROCKER	NYLON 6 /6, BLACK, UL-94-V2	
SPRING	MUSIC WIRE	
SPRING, F & G FUNCTIONS	MUSIC WIRE	
INSULATOR	POLYETHERIMIDE, NATURAL	
TERMINAL, END, D, F & G FUNCTIONS	SILVER CLAD COPPER	SILVER OVER NICKEL
TERMINAL, CENTER, D & G FUNCTIONS	BRASS	GOLD OVER NICKEL
TERMINAL, CENTER, F FUNCTION	SILVER CLAD COPPER	SILVER OVER NICKEL
YOKE, G FUNCTION	BRASS	GOLD OVER NICKEL
ROCKER CONTACT, D & F FUNCTIONS	SILVER CLAD COPPER	
ROCKER CONTACT, G FUNCTION	SILVER CLAD COPPER	SILVER
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

FUNCTION CHART							
PART NUMBER	ALCO P/N	POLE	THROWS	RATING	1 2 3 / 4 5 6	1 2 3 / 4 5 6	1 2 3 / 4 5 6
1825420-1	TRD13D10WL04	1	2	3A	ON	NONE	ON
1825420-2	TRD13F10WL04	1	2	3A	(ON)	NONE	ON
1825420-3	TRD13G10WL04	1	2	3A	(ON)	OFF	(ON)
		TERMINALS CONNECTED			2-1	–	2-3

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± .010
4 PLC ± –
ANGLES ± –

MATERIAL: SEE TABLE
FINISH: SEE TABLE

DWN: BSV –
CHK: M.ZITTO 17JUN06
APVD: M.ZITTO 17JUN06
PRODUCT SPEC: –
APPLICATION SPEC: –
WEIGHT: –

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO.	RESTRICTED TO
A1	00779	C-1825420	–

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 1 | REV A2