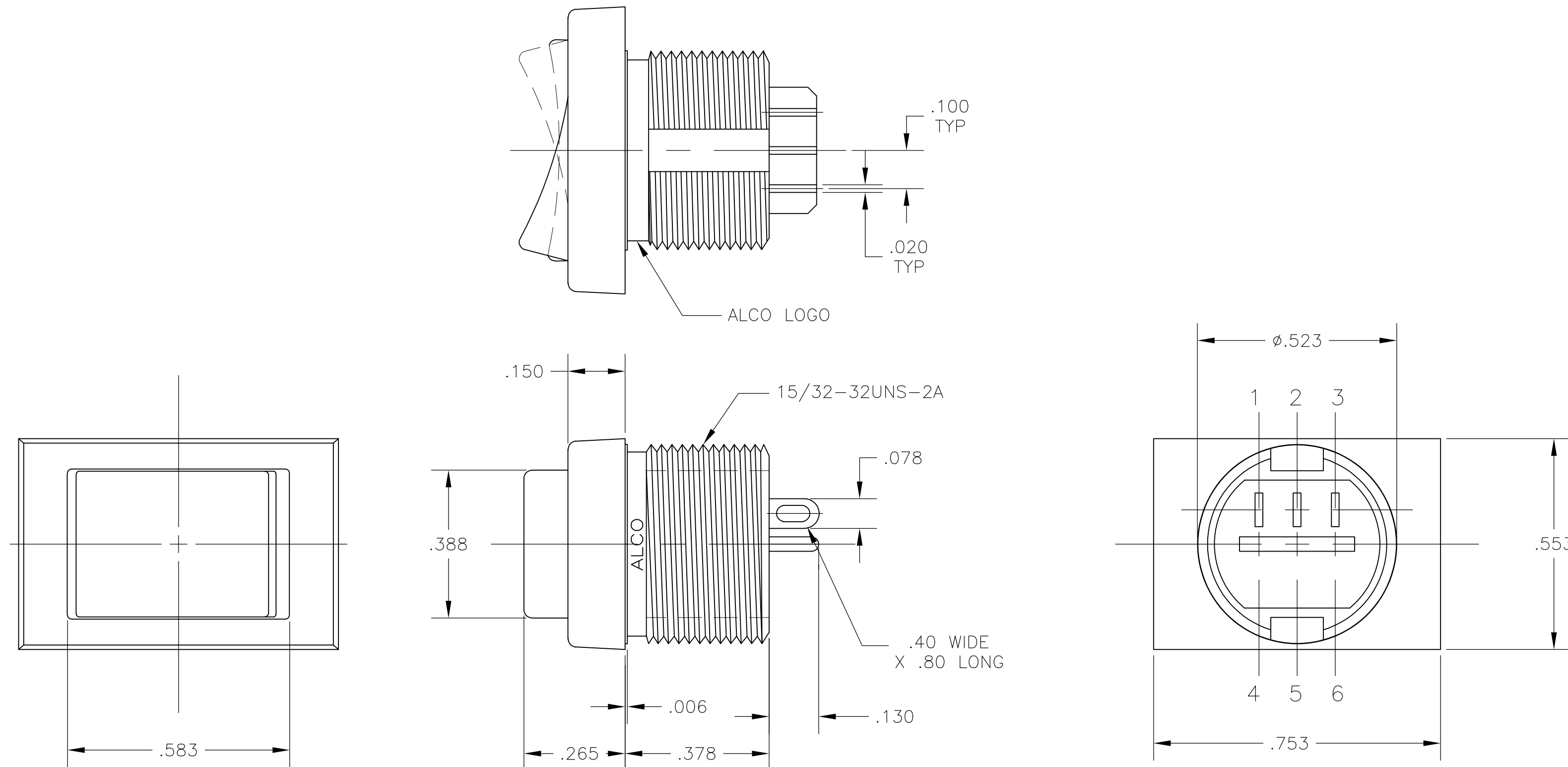
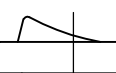


- 1 ALL MATERIALS AND FINISHES COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (RoHS).
- 2 TERMINAL NUMBERS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON THE SWITCHES.
- 3 MOUNTING HARDWARE: (1) HEX NUT AND (1) INTERNAL TOOTH LOCKWASHER SUPPLIED WITH SWITCH.



| MATERIAL CHART                    |                             |
|-----------------------------------|-----------------------------|
| COMPONENT NAME                    | FINISH                      |
| CASE                              | PP0, 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          |
| TERMINAL, CENTER, D & G FUNCTIONS | BRASS                       |
| TERMINAL, CENTER, F FUNCTION      | SILVER CLAD COPPER          |
| YOKE, G FUNCTION                  | BRASS                       |
| ROCKER CONTACT, D & F FUNCTIONS   | SILVER CLAD COPPER          |
| ROCKER CONTACT, G FUNCTION        | SILVER                      |
| NUT                               | BRASS                       |
| 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 |  |  |  |
| 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

PANEL CUTOUTS  
SCALE 2:1

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