



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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| LOC | DIST | REVISIONS |     |               |         |     |      |
|-----|------|-----------|-----|---------------|---------|-----|------|
|     |      | P         | LTR | DESCRIPTION   | DATE    | DWN | APVD |
| AD  | 00   |           | B   | ECO 06 000585 | 10AUG06 | BSV | MZ   |

SPECIFICATIONS:

MATERIALS:  
CASE: HIGH TEMPERATURE POLYESTER UL 94V-0  
ACTUATOR BUTTON: THERMOPLASTIC, COLORS: SEE CHART BELOW  
MOVING CONTACT: COPPER ALLOY, GOLD PLATED OVER NICKEL  
FIXED CONTACT: COPPER ALLOY, GOLD PLATED OVER NICKEL  
TERMINALS: COPPER ALLOY, TIN/LEAD PLATED  
TERMINAL SEAL: SP EPOXY.

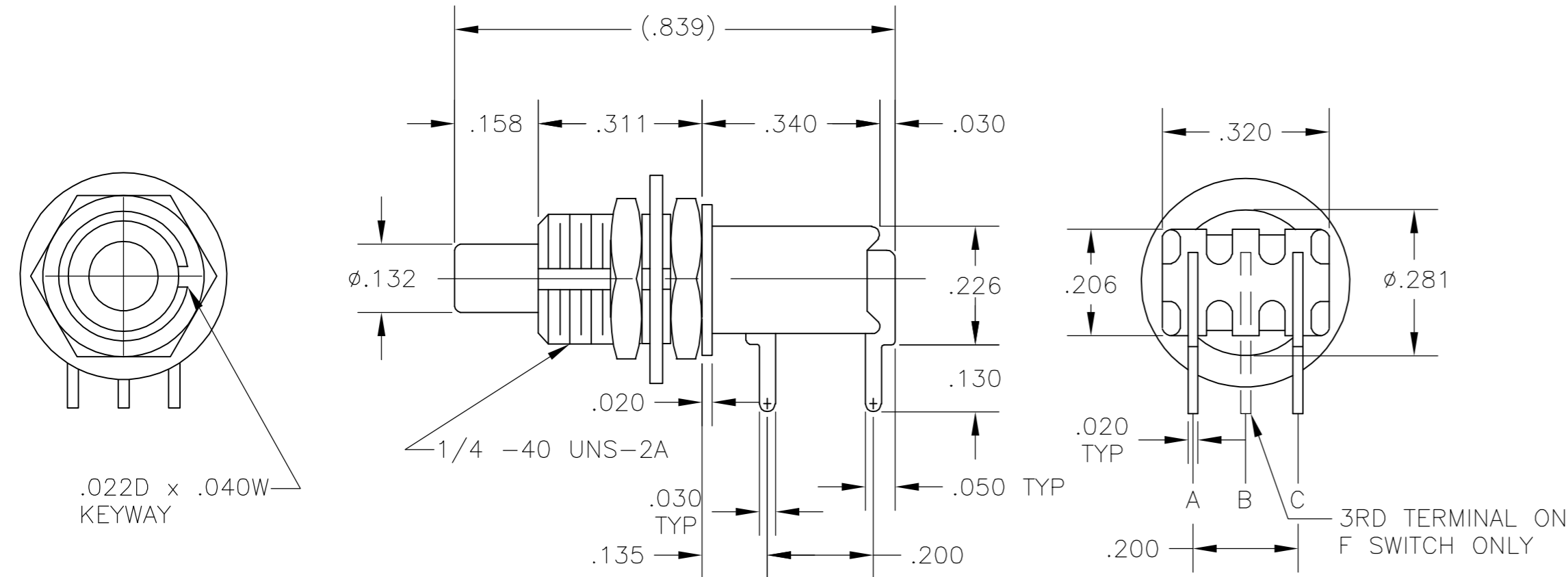
ELECTRICAL:  
CONTACT RATING: GOLD = 0.4 VA MAX. @20 VDC OR PEAK AC  
INITIAL CONTACT RESISTANCE: 20 MILLIOHMS MAX.  
INSULATION RESISTANCE: 1000 MEGOHMS @ 500 VDC MIN.  
DIELECTRIC STRENGTH: 1000VAC @ SEA LEVEL  
LIFE EXPECTANCY: 1 POLE = 100,000 CYCLES  
2 POLES = 80,000 CYCLES

MECHANICAL:  
ACTUATION FORCE: 50 TO 400 GRAMS  
ACTUATION TRAVEL: .030 APPROX.

ENVIRONMENTAL:  
OPERATING TEMPERATURE: -22°F TO +149°F (-30°C TO +65°C)  
STORAGE TEMPERATURE: -22°F TO +149°F (-30°C TO +65°C)

NOTES:

1. INTERPRET DRAWING PER ASME Y14.5M-1994
2. SPECIFICATIONS ARE SUBJECT TO CHANGES WITHOUT NOTICE



RECOMMENDED HOLE LAYOUT  
TOLERANCE ±.002 UNLESS  
OTHERWISE NOTED

| (*) | BUTTON COLOR |
|-----|--------------|
| 0   | BLACK        |
| 2   | RED          |
| 6   | BLUE         |

AUGAT D/N 40145

|                     |                |                    |                |
|---------------------|----------------|--------------------|----------------|
| B TO C (MOM.)       | B TO A         | SPDT MOMENTARY     | TPF11FG-RA (*) |
| A TO C              | NONE           | SPST NORMALLY OPEN | TPF11CG-RA (*) |
| DEPRESSED<br>BUTTON | FREE<br>BUTTON | ACTION             | MODEL NO.      |
| CONTACTS            |                |                    |                |

|  |  |                                 |   |                    |                             |                    |
|--|--|---------------------------------|---|--------------------|-----------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>R.E.SWEENEY<br>10NOV78   | <b>tyco</b> Tyco Electronics Corporation<br>Harrisburg, Pa 17105-3608 |                    |                             |                    |
| DIMENSIONS:<br>INCHES                  |  | CHK<br>B.BUCKHEIT<br>20NOV78    |   |                    |                             |                    |
|  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ± -<br>1 PLC ± -<br>2 PLC ± -<br>3 PLC ± .010<br>4 PLC ± -<br>ANGLES ± - | APVD<br>F.D.KRICHOFF<br>20NOV78 | NAME<br>PUSH BUTTON SWITCH<br>TPF11*G-RA(*)                           |                    |                             |                    |
|  |  | PRODUCT SPEC                    |   |                    |                             |                    |
|  |  | APPLICATION SPEC                |   |                    |                             |                    |
| MATERIAL<br>SEE SPECIFICATIONS         | FINISH<br>SEE SPECIFICATIONS   | WEIGHT<br>-                     | SIZE<br>A2  | CAGE CODE<br>00779 | DRAWING NO<br>C=7-1437572-2 | RESTRICTED TO<br>- |
| CUSTOMER DRAWING                       |  |                                 | SCALE<br>4:1  | SHEET<br>1 OF 1    | REV<br>B                    |                    |