

# TF Series Miniature Snap-acting Switches



## Features/Benefits

- Broad range of operating forces
- Ratings up to 21 AMPS
- Wide variety of actuator styles
- Quick connect terminations

## Typical Applications

- Motor controls
- Thermostatics
- Portable tools



## Specifications

CONTACT RATING: From low level\* to 21 AMPS @ 277 V AC.

ELECTRICAL LIFE: 300,000 cycles at 10 AMPS @ 250 V AC, consult Customer Service Center for typical life of higher rated switches.

INSULATION RESISTANCE: 1,000 M ohm min.

DIELECTRIC STRENGTH: 1,500 Vrms min. @ sea level.

OPERATING TEMPERATURE: -40°F to 185°F (-40°C to 85°C).

OPERATING FORCE: From 15 to 400 grams at actuator button available.

MOUNTING: Torque screws 2-5 in/lbs.

\* Low Level=conditions where no arcing occurs during switching, i.e., 0.4 VA max. @ 20 V AC or DC max. Standard electrical life per UL 1054, rated for 6,000 operations.

## Materials

SWITCH HOUSING: Thermoplastic (UL 94V-0).

ACTUATOR BUTTON: Thermoplastic (UL 94V-0).

SPRING: Copper alloy.

PIVOT: Brass alloy.

MOVABLE CONTACTS: Gold alloy for ratings 1 AMP or less.

Fine silver for ratings greater than 1 AMP up to 15 AMPS.

Precious metal alloy for ratings greater than 15 AMPS.

STATIONARY CONTACTS: Gold alloy for ratings 1 AMP or less.

Fine silver for ratings greater than 1 AMP.

TERMINALS: Brass alloy for ratings up to 10 AMPS.

Copper alloy for ratings greater than 10 AMPS.

**NOTE:** Specifications and materials listed above are switches with standard options. For information on specific and custom switches, consult Customer Service Center.

## Build-A-Switch

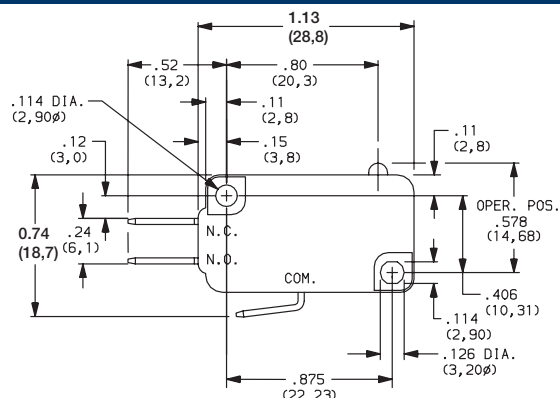
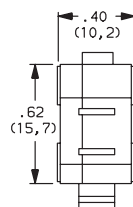
To order, simply select desired option from each category and place in the appropriate box. Available options are shown and described on pages J-6 through J-11. For additional options not shown in catalog, consult Customer Service Center.

|                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |                                                                                                                                                                       |  |                                                                               |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------|--|
| <div style="border: 1px solid black; padding: 5px; display: inline-block;"> <b>T</b> <b>F</b> </div>                                                                                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |                                                                                                                                                                       |  |                                                                               |  |
| <b>Series</b><br><b>TF</b> SP, Mom.                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |                                                                                                                                                                       |  |                                                                               |  |
| <b>Operating Force</b><br><b>CJ</b> 5.29 oz./150 grams<br><b>CC</b> .53 oz./15 grams<br><b>CD</b> .88 oz./25 grams<br><b>CF</b> 1.76 oz./50 grams<br><b>CG</b> 2.65 oz./75 grams<br><b>EC</b> 7.94 oz./225 grams<br><b>EE</b> 14.11 oz./400 grams |  | <b>Electrical Rating</b><br><b>J6</b> 15 A, 277 V AC; 1/2 HP, 125, 250 V AC;<br>5 A, 125 V AC "L", 0.5 A, 125 V DC;<br>0.25 A, 250 V DC<br><b>F5</b> 1 A, 125 V AC; 1 A, 30 V DC<br><b>H8</b> 5 A, 277 V AC; 1/10 HP, 125, 250 V AC<br><b>J3</b> 21 A, 277 V AC; 1 HP, 125 V AC; 2 HP,<br>250 V AC; 5 A, 125 V AC "L"<br><b>K6</b> 11 A, 277 V AC; 1/3 HP, 125, 250 V AC;<br>0.5 A, 125 V DC; 0.25 A, 250 V DC<br><b>L3</b> 20 A, 250 V AC; 1 HP, 125 V AC;<br>2 HP 250 V AC |  | <b>Mounting Style</b><br><b>S</b> Standard<br><b>V</b> Metric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |                                                                                                                                                                       |  | <b>Circuitry</b><br><b>C</b> SPDT<br><b>W</b> SPST N.C.<br><b>Y</b> SPST N.O. |  |
|                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | <b>Actuator</b><br><b>P00</b> Pin plunger<br><b>A10</b> .81" lever roller, high force<br><b>A15</b> 1.34" lever roller, high force<br><b>A20</b> 1.05" lever roller, low force<br><b>A25</b> 1.56" lever roller, low force<br><b>T10</b> .84" lever, high force<br><b>T13</b> 1.34" simulated roller, high force<br><b>T14</b> 1.29" simulated roller, high force<br><b>T15</b> 1.40" lever, high force<br><b>T16</b> 2.34" lever, high force<br><b>T18</b> 2.75" lever, high force<br><b>T20</b> 1.10" lever, low force<br><b>T23</b> 1.56" simulated roller, low force<br><b>T24</b> 1.50" simulated roller, low force<br><b>T25</b> 1.62" lever, low force<br><b>T26</b> 2.57" lever, low force<br><b>T28</b> 2.97" lever, low force<br><b>WP0</b> Wide pin plunger |  |  |  |  |  |  |  | <b>Terminations</b><br><b>40</b> .187" quick connect<br><b>4A</b> .250" quick connect<br><b>5A</b> .250" offset quick connect<br><b>5B</b> .187" offset quick connect |  |                                                                               |  |



Dimensions are shown: Inch (mm)  
Specifications and dimensions subject to change

**SERIES** 



## OPERATING FORCE

| OPTION CODE | BASIC SWITCH OPERATING FORCE (OZ./GRAMS) |
|-------------|------------------------------------------|
| <b>CC</b>   | .53<br>15                                |
| <b>CD</b>   | .88<br>25                                |
| <b>CF</b>   | 1.76<br>50                               |
| <b>CG</b>   | 2.65<br>75                               |
| <b>CJ</b>   | 5.29<br>150                              |
| <b>EC</b>   | 7.94<br>225                              |
| <b>EE*</b>  | 14.11<br>400                             |

Operating Force option 'CC' not available with 'T18 & T26' Actuator options.  
Operating force varies with actuator option, see ACTUATOR option section.

**ELECTRICAL RATING** 

| OPTION CODE | RoHS COMPLIANT * | RoHS COMPATIBLE * | CONTACT MATERIAL |                    | ELECTRICAL RATING       |
|-------------|------------------|-------------------|------------------|--------------------|--------------------------------------------------------------------------------------------------------------|
|             |                  |                   | MOVABLE CONTACT  | STATIONARY CONTACT |                                                                                                              |
| F5          | Yes              | Yes               | Gold alloy       | Gold alloy         | From low level* to 1 AMP @ 125 V AC, 1 AMP @ 30 V DC.                                                        |
| H8          | Yes              | Yes               | Fine Silver      | Fine Silver        | 5 AMPS @ 277 V AC; 1/10 HP @ 125 & 250 V AC.                                                                 |
| J3          | Yes              | Yes               |                  |                    | 21 AMPS @ 277 V AC; 1 HP @ 125 V AC; 2 HP @ 250 V AC; 5 AMPS @ 125 V AC "L".                                 |
| J6          | Yes              | Yes               |                  |                    | 15 AMPS @ 277 V AC; 1/2 HP @ 125 & 250 V AC; 5 AMPS @ 125 V AC "L". 0.5 AMP @ 125 V DC; 0.25 AMP @ 250 V DC. |
| K6          | Yes              | Yes               |                  |                    | 11 AMPS @ 277 V AC; 1/3 HP @ 125 & 250 V AC; 0.5 AMP @ 125 V DC; 0.25 AMP @ 250 V DC.                        |
|             |                  |                   |                  |                    |                                                                                                              |
| L3          | Yes              | Yes               | Silver alloy     |                    | 20 AMPS @ 250 V AC; 1 HP @ 125 V AC; 2 HP @ 250 V AC                                                         |

All models  US

\* Low Level=conditions where no arcing occurs during switching, i.e., 0.4 VA max. @ 20 V AC or DC max.



### Third Angle Projection

Dimensions are shown: Inches (mm)  
Specifications and dimensions subject to change

# TF Series

## Miniature Snap-acting Switches

ELECTRICAL RATING

| ELECTRICAL RATING | AMPS (REF.) | OPERATING FORCE |         |         |         |          |          |          |
|-------------------|-------------|-----------------|---------|---------|---------|----------|----------|----------|
|                   |             | CC (15)         | CD (25) | CF (50) | CG (75) | CJ (150) | EC (225) | EE (400) |
| F5                | 1           | •               | •       | •       | •       | •        | •        |          |
| H8                | 5           | •               | •       | •       | •       | •        | •        | •        |
| J3                | 21          | X               | X       | X       | X       | •        | •        | •        |
| J6                | 15          | X               | X       | X       | X       | •        | •        | •        |
| K6                | 11          | X               | •       | •       | •       | •        | •        | •        |
| L3                | 20          | X               | X       | X       | X       | •        | •        | •        |

- AVAILABLE
- X NOT AVAILABLE
- \*\* Available with 4A & 5A terminations only, see page J-10.

All models  US

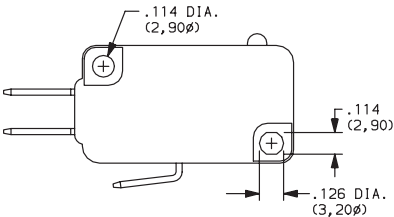
Consult Customer Service center for availability and delivery of nonstandard ratings.

\* Low Level=conditions where no arcing occurs during switching, i.e., 0.4 VA max. @ 20 V AC or DC max.

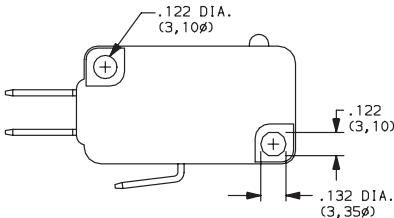
Snap-acting

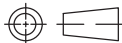
MOUNTING STYLE

**S** STANDARD  
For 4-40 screw size



**V** Metric  
For 3 mm screw size





Third Angle Projection

Dimensions are shown: Inch (mm)  
 Specifications and dimensions subject to change

# TF Series Miniature Snap-acting Switches

## ACTUATOR



| OPTION CODE | FIG. | DIM. A         | DIM. B        | DIM. C                        | DIM. D             |
|-------------|------|----------------|---------------|-------------------------------|--------------------|
| <b>P00</b>  | 1    | .80<br>(20,3)  | —             | .578 ± .015<br>(14,68 ± 0,38) | —                  |
| <b>A10</b>  | 2    | .81<br>(20,6)  | .32<br>(8,1)  | .810 ± .020<br>(20,57 ± 0,51) | .19 dia.<br>(4,8Ø) |
| <b>A15</b>  | 2    | 1.34<br>(34,0) | .32<br>(8,1)  | .810 ± .030<br>(20,57 ± 0,76) | .19 dia.<br>(4,8Ø) |
| <b>A20</b>  | 2    | 1.05<br>(26,7) | .54<br>(13,7) | .810 ± .050<br>(20,57 ± 1,27) | .19 dia.<br>(4,8Ø) |
| <b>A25</b>  | 2    | 1.56<br>(39,6) | .54<br>(13,7) | .810 ± .075<br>(20,57 ± 1,91) | .19 dia.<br>(4,8Ø) |
| <b>T10</b>  | 3    | .84<br>(21,3)  | .32<br>(8,1)  | .600 ± .020<br>(15,24 ± 0,51) | —                  |
| <b>T15</b>  | 3    | 1.40<br>(35,6) | .32<br>(8,1)  | .600 ± .040<br>(15,24 ± 1,02) | —                  |
| <b>T16</b>  | 3    | 2.34<br>(59,4) | .32<br>(8,1)  | .600 ± .065<br>(15,24 ± 1,65) | —                  |
| <b>T18</b>  | 3    | 2.75<br>(69,9) | .32<br>(8,1)  | .600 ± .080<br>(15,24 ± 2,03) | —                  |
| <b>T20</b>  | 3    | 1.10<br>(27,9) | .54<br>(13,7) | .600 ± .050<br>(15,24 ± 1,27) | —                  |
| <b>T25</b>  | 3    | 1.62<br>(41,1) | .54<br>(13,7) | .600 ± .070<br>(15,24 ± 1,78) | —                  |
| <b>T26</b>  | 3    | 2.57<br>(65,3) | .54<br>(13,7) | .600 ± .150<br>(15,24 ± 3,81) | —                  |
| <b>T28</b>  | 3    | 2.97<br>(75,4) | .54<br>(13,7) | .600 ± .187<br>(15,24 ± 4,75) | —                  |
| <b>T13</b>  | 4    | 1.34<br>(34,0) | .32<br>(8,1)  | .810 ± .030<br>(20,57 ± 0,76) | .19 dia.<br>(4,8Ø) |
| <b>T14</b>  | 4    | 1.29<br>(32,8) | .32<br>(8,1)  | .730 ± .030<br>(18,54 ± 0,76) | .19 dia.<br>(4,8Ø) |
| <b>T23</b>  | 4    | 1.56<br>(39,6) | .54<br>(13,7) | .810 ± .065<br>(20,57 ± 1,65) | .19 dia.<br>(4,8Ø) |
| <b>T24</b>  | 4    | 1.50<br>(38,1) | .54<br>(13,7) | .730 ± .060<br>(18,54 ± 1,52) | .25 dia.<br>(6,4Ø) |
| <b>WP0</b>  | 5    | .80<br>(20,3)  | —             | .635 ± .015<br>(16,13 ± 0,38) | —                  |

NOTE: Switch characteristics chart on following page.

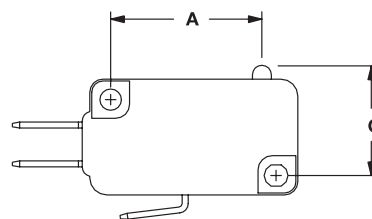


FIG. 1  
Pin Plunger

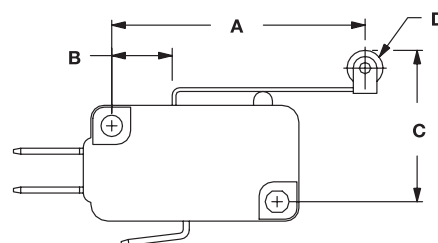


FIG. 2  
Lever Roller

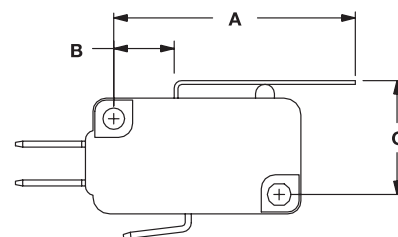


FIG. 3  
Lever

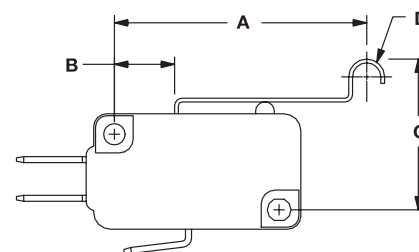


FIG. 4  
Simulated Roller

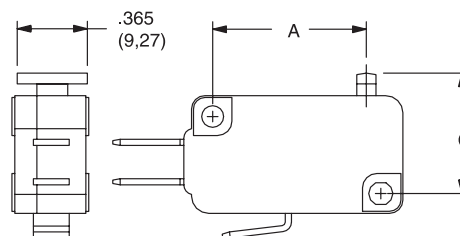


FIG. 5  
Wide Pin



Third Angle  
Projection

Dimensions are shown: Inches (mm)  
Specifications and dimensions subject to change

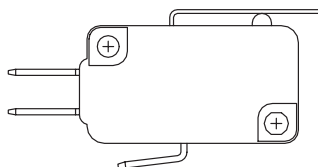
**ACTUATOR** ■■■■■■■■■■

## SWITCH CHARACTERISTICS

| Option Code | MAXIMUM OPERATING FORCE<br>(OZ./GRAMS) |            |            |            |             |             |              | MINIMUM RELEASE FORCE<br>(OZ./GRAMS) |            |            |            |             |             |             | MAXIMUM<br>DIFFERENTIAL<br>TRAVEL | MAXIMUM<br>PRETRAVEL | MINIMUM<br>OVERTRAVEL |
|-------------|----------------------------------------|------------|------------|------------|-------------|-------------|--------------|--------------------------------------|------------|------------|------------|-------------|-------------|-------------|-----------------------------------|----------------------|-----------------------|
|             | CC<br>(15)                             | CD<br>(25) | CF<br>(50) | CG<br>(75) | CJ<br>(150) | EC<br>(225) | EE<br>(400)  | CC<br>(15)                           | CD<br>(25) | CF<br>(50) | CG<br>(75) | CJ<br>(150) | EC<br>(225) | EE<br>(400) | ALL FORCES                        | ALL FORCES           | ALL FORCES            |
|             |                                        |            |            |            |             |             |              |                                      |            |            |            |             |             |             |                                   |                      |                       |
| A10         | .63<br>18                              | 1.06<br>30 | 2.29<br>65 | 3.17<br>90 | 6.35<br>180 | 7.94<br>225 | 14.11<br>400 | .21<br>6                             | .35<br>10  | .35<br>10  | .53<br>15  | .71<br>20   | 1.98<br>56  | 3.88<br>110 | .015<br>(0,38)                    | .060<br>(1,52)       | .030<br>(0,76)        |
| A15         | .28<br>8                               | .42<br>12  | 1.06<br>30 | 1.59<br>45 | 3<br>85     | 4.59<br>130 | 7.94<br>225  | .07<br>2                             | .14<br>4   | .14<br>4   | .18<br>5   | .35<br>10   | .71<br>20   | 2.82<br>80  | .030<br>(0,76)                    | .100<br>(2,54)       | .065<br>(1,65)        |
| A20         | 0.53<br>15                             | 0.71<br>20 | 1.41<br>40 | 2.12<br>60 | 4.23<br>120 | 6<br>170    | 9.7<br>275   | 0.07<br>2                            | 0.11<br>3  | 0.11<br>3  | 0.18<br>5  | 0.42<br>12  | 0.71<br>20  | 1.41<br>40  | 0.025<br>(0,64)                   | 0.12<br>(3,05)       | 0.055<br>(1,40)       |
| A25         | .18<br>5                               | .28<br>8   | .56<br>16  | .85<br>24  | 1.69<br>48  | 2.65<br>75  | 4.41<br>125  | .04<br>1                             | .07<br>2   | .07<br>2   | .07<br>2   | .21<br>6    | .35<br>10   | .71<br>20   | .050<br>(1,27)                    | .250<br>(6,35)       | .120<br>(3,05)        |
| P00         | .53<br>15                              | .88<br>25  | 1.76<br>50 | 2.65<br>75 | 5.29<br>150 | 7.94<br>225 | 14.11<br>400 | .21<br>6                             | .35<br>10  | .35<br>10  | .53<br>15  | 1.23<br>35  | 1.98<br>56  | 3.88<br>110 | .010<br>(0,25)                    | .047<br>(1,19)       | .050<br>(1,27)        |
| T10         | .63<br>18                              | 1.06<br>30 | 2.29<br>65 | 3.17<br>90 | 6.35<br>180 | 7.94<br>225 | 14.11<br>400 | .21<br>6                             | .35<br>10  | .35<br>10  | .53<br>15  | .71<br>20   | 1.98<br>56  | 3.88<br>110 | .015<br>(0,38)                    | .060<br>(1,52)       | .030<br>(0,76)        |
| T13         | .28<br>8                               | .42<br>12  | 1.06<br>30 | 1.59<br>45 | 3<br>85     | 4.59<br>130 | 7.94<br>225  | .07<br>2                             | .14<br>4   | .14<br>4   | .18<br>5   | .35<br>10   | .71<br>20   | 2.82<br>80  | .030<br>(0,76)                    | .100<br>(2,54)       | .065<br>(1,65)        |
| T14         | .28<br>8                               | .42<br>12  | 1.23<br>35 | 1.76<br>50 | 3.17<br>90  | 4.76<br>135 | 7.94<br>225  | .07<br>2                             | .14<br>4   | .14<br>4   | .18<br>5   | .35<br>10   | .71<br>20   | 2.82<br>80  | .030<br>(0,76)                    | .100<br>(2,54)       | .060<br>(1,52)        |
| T15         | .25<br>7                               | .42<br>12  | 1.06<br>30 | 1.41<br>40 | 2.82<br>80  | 4.41<br>125 | 7.94<br>225  | .07<br>2                             | .14<br>4   | .14<br>4   | .18<br>5   | .28<br>8    | .63<br>18   | 2.82<br>80  | .030<br>(0,76)                    | .110<br>(2,79)       | .065<br>(1,65)        |
| T16         | .18<br>5                               | .28<br>8   | .53<br>15  | .78<br>22  | 1.59<br>45  | 2.47<br>70  | 4.23<br>120  | .04<br>1                             | .07<br>2   | .07<br>2   | .07<br>2   | .28<br>8    | .35<br>10   | .71<br>20   | .045<br>(1,14)                    | .250<br>(6,35)       | .125<br>(3,18)        |
| T18         | N/A                                    | .21<br>6   | .42<br>12  | .71<br>20  | 1.41<br>40  | 2.12<br>60  | 3.53<br>100  | N/A                                  | .04<br>1   | .04<br>1   | .07<br>2   | .18<br>5    | .28<br>8    | .56<br>16   | .062<br>(1,57)                    | .300<br>(7,62)       | .155<br>(3,94)        |
| T20         | .53<br>15                              | .71<br>20  | 1.41<br>40 | 2.12<br>60 | 4.23<br>120 | 6<br>170    | 9.70<br>275  | .21<br>6                             | .35<br>10  | .35<br>10  | .53<br>15  | .71<br>20   | 1.98<br>56  | 3.88<br>110 | .030<br>(0,76)                    | .140<br>(3,56)       | .060<br>(1,52)        |
| T23         | .18<br>5                               | .28<br>8   | .56<br>16  | .85<br>24  | 1.69<br>48  | 2.65<br>75  | 4.41<br>125  | .04<br>1                             | .07<br>2   | .07<br>2   | .07<br>2   | .21<br>6    | .35<br>10   | .71<br>20   | .050<br>(1,27)                    | .250<br>(6,35)       | .120<br>(3,05)        |
| T24         | 0.18<br>5                              | 0.28<br>8  | 0.56<br>16 | 0.88<br>25 | 1.76<br>50  | 2.65<br>75  | 4.76<br>135  | 0.04<br>1                            | 0.07<br>2  | 0.07<br>2  | 0.11<br>3  | 0.21<br>6   | 0.35<br>10  | 0.71<br>20  | .005<br>(1,27)                    | 0.23<br>(5,84)       | 0.11<br>(2,79)        |
| T25         | .18<br>5                               | .28<br>8   | .53<br>15  | .88<br>25  | 1.59<br>45  | 2.47<br>70  | 4.23<br>120  | .04<br>1                             | .07<br>2   | .07<br>2   | .07<br>2   | .21<br>6    | .35<br>10   | .99<br>28   | .055<br>(1,40)                    | .250<br>(6,35)       | .125<br>(3,18)        |
| T26         | N/A                                    | .14<br>4   | .28<br>8   | .42<br>12  | .85<br>24   | 1.27<br>36  | 2.26<br>64   | N/A                                  | .04<br>1   | .04<br>1   | .05<br>1.5 | .12<br>3.5  | .39<br>6    | .11<br>11   | .100<br>(2,54)                    | .500<br>(12,70)      | .235<br>(5,97)        |
| T28         | N/A                                    | N/A        | N/A        | 0.42<br>12 | 0.71<br>20  | 1.06<br>30  | 1.94<br>55   | N/A                                  | N/A        | N/A        | 0.04<br>1  | 0.11<br>3   | 0.18<br>5   | 0.32<br>9   | 0.12<br>(3,05)                    | .0.560<br>(14,22)    | 0.285<br>(7,24)       |
| WP0         | .53<br>15                              | .88<br>25  | 1.76<br>50 | 2.65<br>75 | 5.29<br>150 | 7.94<br>225 | 14.11<br>400 | .21<br>6                             | .35<br>10  | .35<br>10  | .53<br>15  | 1.23<br>35  | 1.97<br>56  | 3.88<br>110 | .010<br>(0,25)                    | .047<br>(1,19)       | .030<br>(0,51)        |

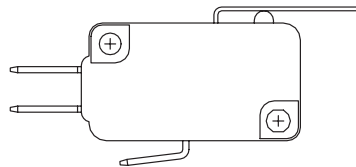
**NOTE:** For basic switch operating forces, see page J-6.

### HIGH FORCE, LOW MOTION PIVOT POSITION



Available with actuators A10, A15, T10, T13, T14, T15, T16 and T18.

### LOW FORCE, HIGH MOTION PIVOT POSITION



Available with actuators A20, A25, T20, T23, T24, T25, T26, and T28.

**NOTE:** Lever actuator options are available in either of two pivot positions. Levers located in the forward pivot position have lower forces and higher motions. Levers located in the rear pivot position have higher forces and lower motions.



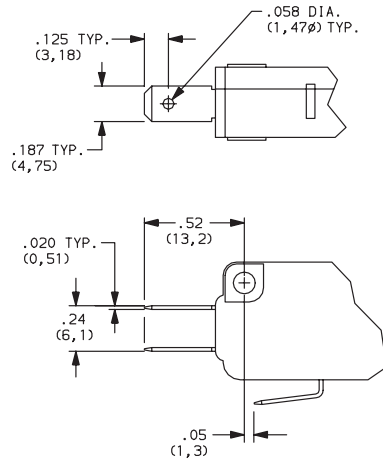
Dimensions are shown: Inch (mm)

Specifications and dimensions subject to change

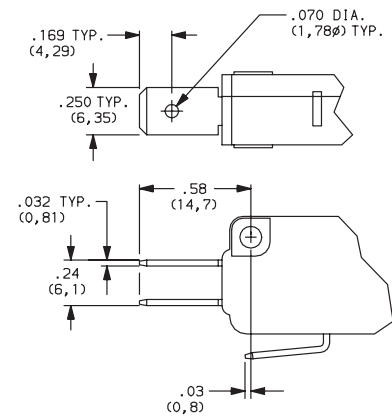
# TF Series Miniature Snap-acting Switches

## TERMINATIONS

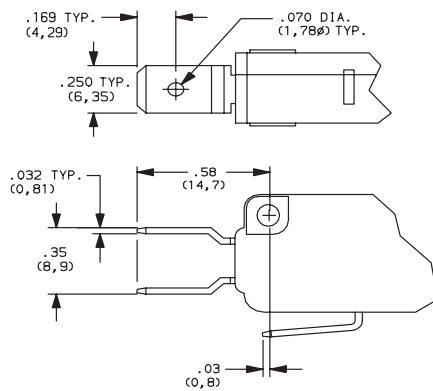
### 40 .187" QUICK CONNECT



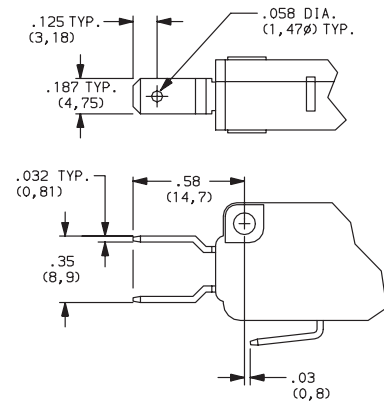
### 4A .250" QUICK CONNECT



### 5A OFFSET .250" QUICK CONNECT



### 5B OFFSET .187" QUICK CONNECT



## CIRCUITRY

- C** SPDT (Single Pole, Double Throw)
- W** SPST N.C. (Single Pole, Single Throw, Normally Closed)
- Y** SPST N.O. (Single Pole, Single Throw, Normally Open)

Snap-acting

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Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

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Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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