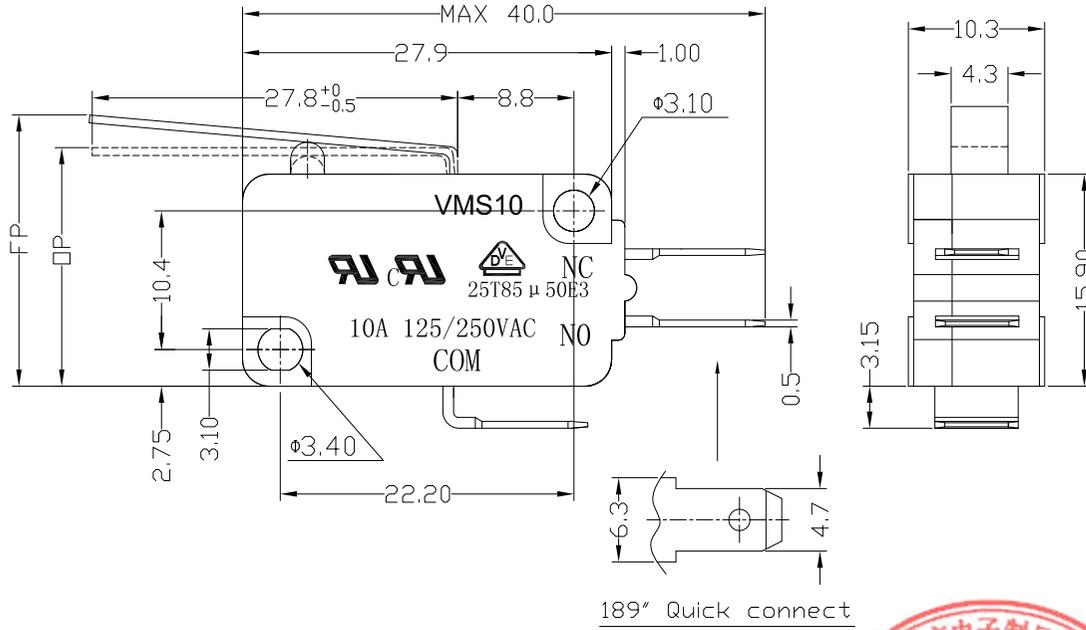




RoHS  
Compliant  
2002/95/EC

| REV. | ECN. | NO. | APPD. |
|------|------|-----|-------|
|      |      |     |       |
|      |      |     |       |
|      |      |     |       |

### DIMENSIONS



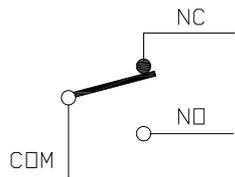
### MODEL CODE

VMS 10-02 X-XX-V10

1 2 3 4 5 6

- 1.Series : VMS
- 2.Current Rating : 10=10A 125/250VAC
- 3.Actuator : 00=Non-lever 01-99=Lever
- 4.Termination : see chart (N/K/J/L/W/A)  
(7=SPST-NO / 16=SPST-NC)
- 5.Operating Force : see chart
- 6.Contact type: V10=10Amps Contact

### CIRCUIT DIAGRAM



### 1.Functional spec

|                        |                       |          |
|------------------------|-----------------------|----------|
| 1.1 Rated Voltage(AC)  | 125/250VAC            |          |
| 1.2 Rated Current(AC)  | 10A                   |          |
| 1.3 Contact Resistance | ≤100mΩ(Initial value) |          |
| 1.4 Operating Force    | 75±25gf               | 105±30gf |
| 1.5 Bounce Time        |                       |          |
| 1.6 Free Position      | 20.8±1.0mm            |          |
| 1.7 Operating Position | 18.3±1.0mm            |          |
| 1.8 Position Travel    |                       |          |
| 1.9 Return Force       |                       |          |

### 2.Reliable Rating

|                           |                  |
|---------------------------|------------------|
| 2.1 Mechanical Life       | 1,000,000 CYCLES |
| 2.2 Electrical Life       | 10,000 CYCLES    |
| 2.3 Insulation Resistance | ≥100MΩ DC500V    |
| 2.4 Withstand Voltage     | AC1500V 1 minute |
| 2.5 Soldering Technic     | Hand Soldering   |
| 2.6 Operating Temper      | -25°C ~ +85°C    |
| 2.7 Ambient Humidity Used | <85%RH           |



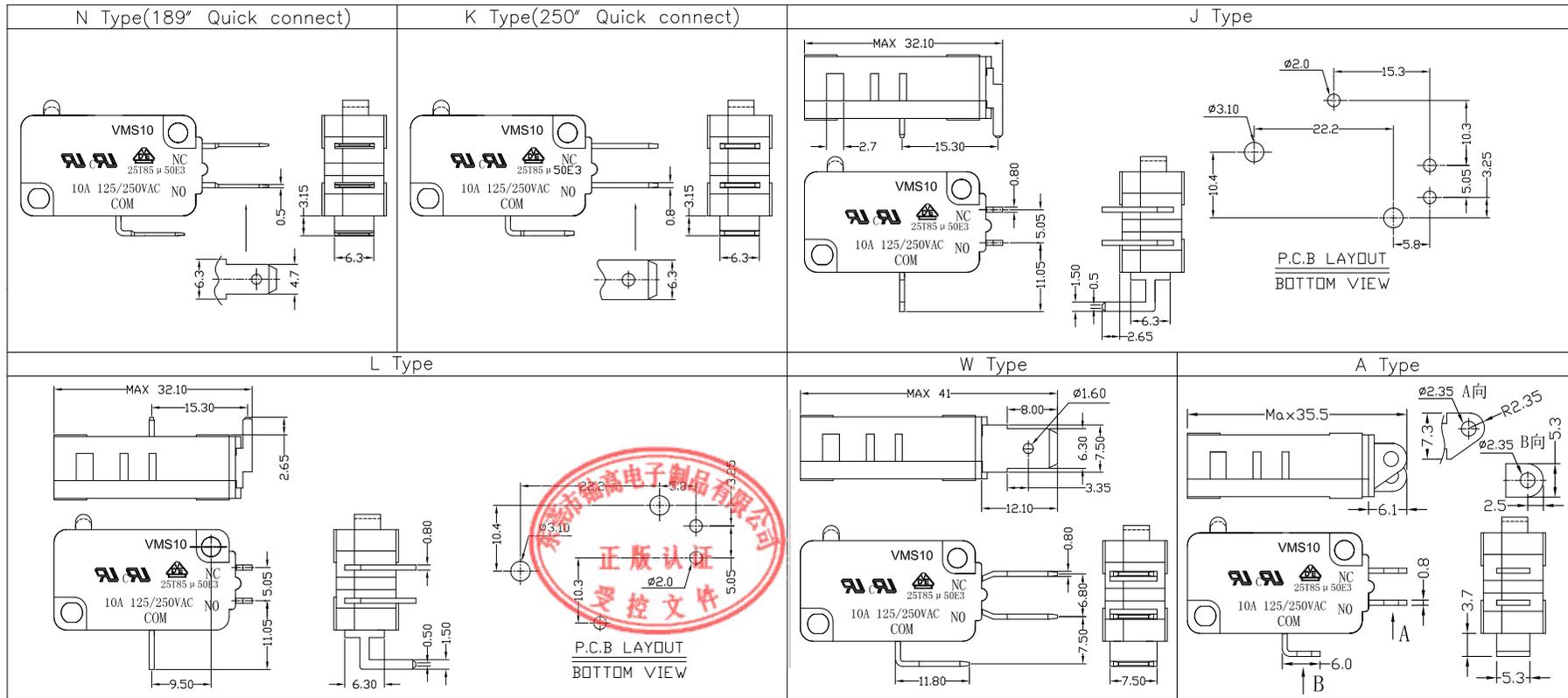
| Tolerance: ±0.2   |  | UNITS  | 东莞市铀高电子制品有限公司        |  |                                  |           |
|---|--|--------|----------------------|--|----------------------------------|-----------|
|   |  | mm     |                      |  |                                  |           |
|   |  | MAT'L  | SEE NOTE             |  | TITLE: MICRO SWITCH VMS10 SERIES |           |
|   |  | FINISH | SEE NOTE             |  | PART NO.: VMS10-02N-XX-V10       |           |
|   |  | Q'TY   | DR: Ricky 2017/6/7   |  | DWG NO.: ATD-02X-XX-V10          |           |
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|   |  |        | APPD:                |  | 1:1                              | SHEET 1/2 |



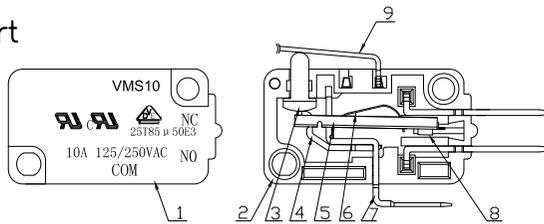
RoHS Compliant  
2002/95/EC

|      |      |     |       |
|------|------|-----|-------|
| REV. | ECN. | NO. | APPD. |
|      |      |     |       |
|      |      |     |       |

### Terminal Type



### Structure chart



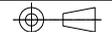
### Material list

| NO. | PARTS         | MATERIAL     | Q'TY | FINISHING      |
|-----|---------------|--------------|------|----------------|
| 9   | Lever         | SUS301       | 1    |                |
| 8   | Contact       | Silver alloy | 3    |                |
| 7   | Terminal      | C2680        | 3    | Silver Plating |
| 6   | Spring Plate  | C5210        | 1    |                |
| 5   | Change Plate  | C2680        | 1    |                |
| 4   | Fixed Rod     | C2680        | 1    |                |
| 3   | Button        | PBT          | 1    | Gray           |
| 2   | Lower Housing | PBT          | 1    | Black          |
| 1   | Upper Housing | PBT          | 1    | Black          |

|                 |          |
|-----------------|----------|
| Tolerance: ±0.2 | UNITS mm |
|                 | MAT'L    |
|                 | SEE NOTE |
|                 | FINISH   |
|                 | SEE NOTE |
|                 | Q'TY     |

|               |                          |           |                  |
|---------------|--------------------------|-----------|------------------|
| 东莞市铀高电子制品有限公司 |                          |           |                  |
| TITLE:        | MICRO SWITCH VM10 SERIES | PART NO.: | VMS10-02X-XX-V10 |
| DR:           | Ricky 2017/6/7           | DWG NO.:  | ATD-02X-XX-V10   |
| CHKD:         | Ricky 2017/6/7           | SCALE     | SHEET            |
| APPD:         |                          | REV.      | CUSTOMER DRAWING |
|               |                          | 11        | 2/2              |

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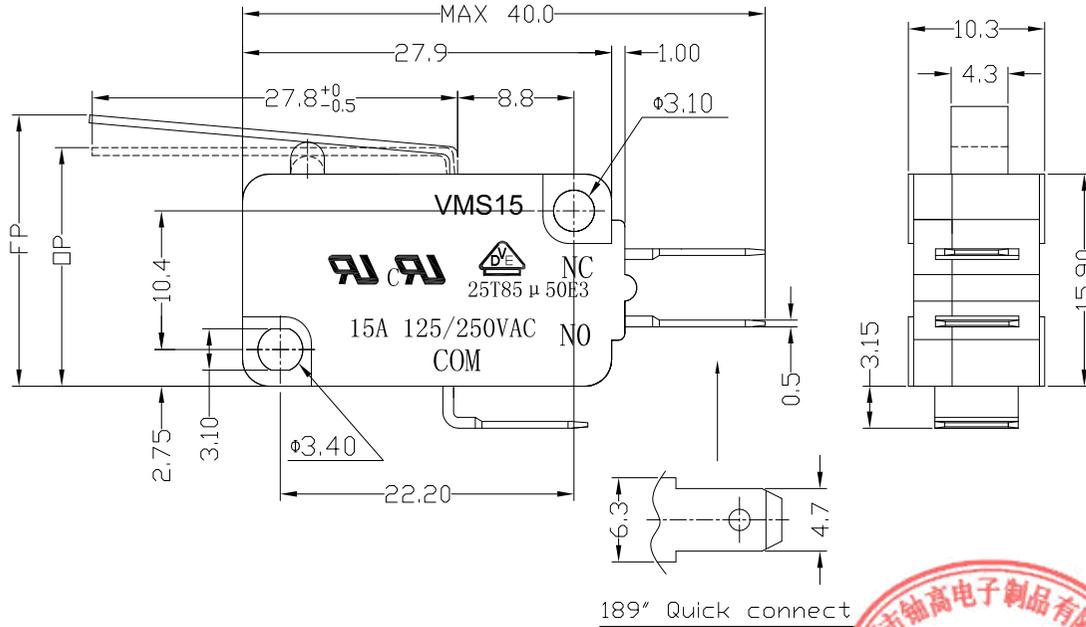




RoHS  
Compliant  
2002/95/EC

| REV. | ECN. | NO. | APPD. |
|------|------|-----|-------|
|      |      |     |       |
|      |      |     |       |
|      |      |     |       |

### DIMENSIONS



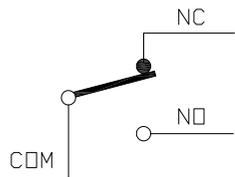
### MODEL CODE

VMS 15-02 X-XX-V15

1 2 3 4 5 6

- 1.Series : VMS
- 2.Current Rating : 15=15A 125/250VAC
- 3.Actuator : 00=Non-lever 01-99=Lever
- 4.Termination : see chart (N/K/J/L/W/A)  
(7=SPST-NO / 16=SPST-NC)
- 5.Operating Force : see chart
- 6.Contact type: V15=15Amps Contact

### CIRCUIT DIAGRAM



### 1.Functional spec

|                        |                       |          |
|------------------------|-----------------------|----------|
| 1.1 Rated Voltage(AC)  | 125/250VAC            |          |
| 1.2 Rated Current(AC)  | 15A                   |          |
| 1.3 Contact Resistance | ≤100mΩ(Initial value) |          |
| 1.4 Operating Force    | 75±25gf               | 105±30gf |
| 1.5 Bounce Time        |                       |          |
| 1.6 Free Position      | 20.8±1.0mm            |          |
| 1.7 Operating Position | 18.3±1.0mm            |          |
| 1.8 Position Travel    |                       |          |
| 1.9 Return Force       |                       |          |

### 2.Reliable Rating

|                           |                  |
|---------------------------|------------------|
| 2.1 Mechanical Life       | 1,000,000 CYCLES |
| 2.2 Electrical Life       | 10,000 CYCLES    |
| 2.3 Insulation Resistance | ≥100MΩ DC500V    |
| 2.4 Withstand Voltage     | AC1500V 1 minute |
| 2.5 Soldering Technic     | Hand Soldering   |
| 2.6 Operating Temper      | -25°C ~ +85°C    |
| 2.7 Ambient Humidity Used | <85%RH           |



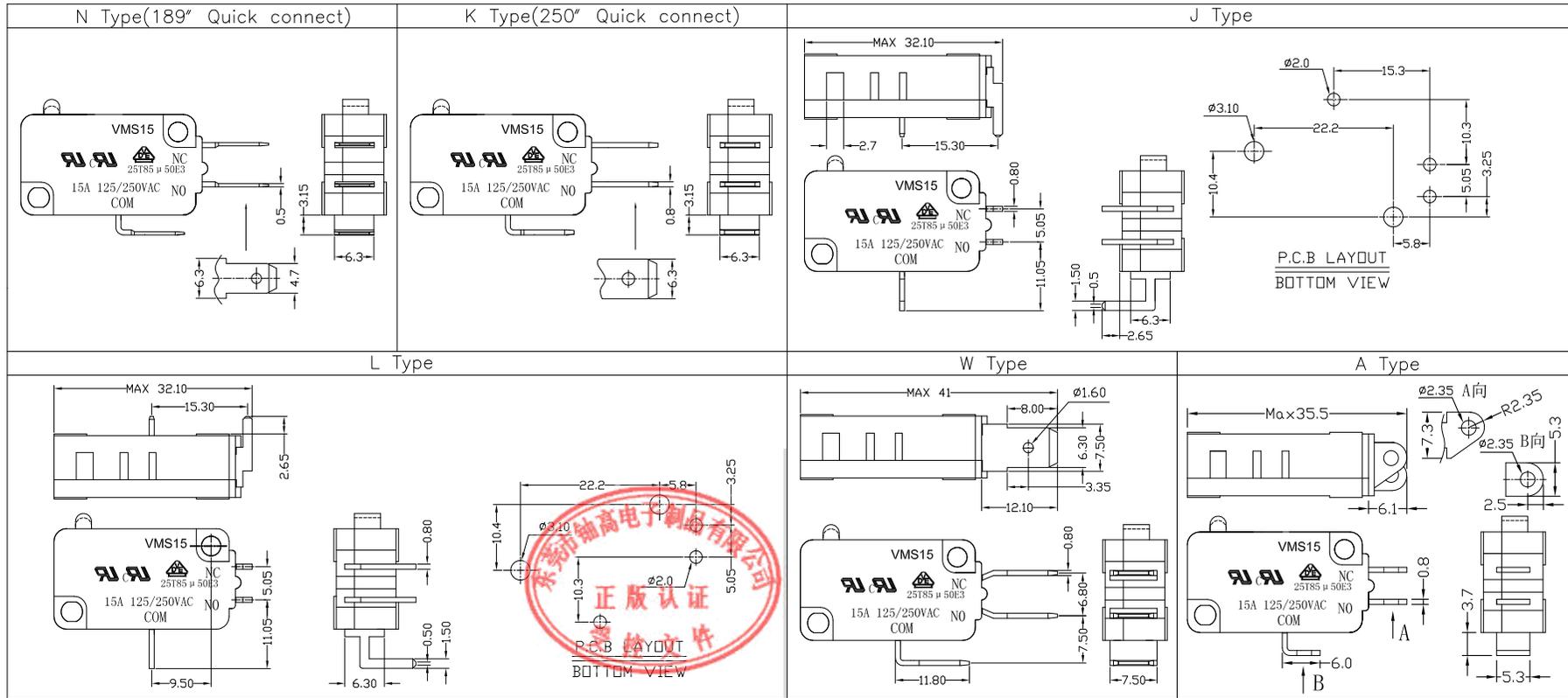
| Tolerance: ±0.2   |  | UNITS  | 东莞市铀高电子制品有限公司        |  |                                  |           |
|---|--|--------|----------------------|--|----------------------------------|-----------|
|   |  | mm     |                      |  |                                  |           |
|   |  | MAT'L  | SEE NOTE             |  | TITLE: MICRO SWITCH VMS15 SERIES |           |
|   |  | FINISH | SEE NOTE             |  | PART NO.: VMS15-02N-XX-V15       |           |
|   |  | Q'TY   | DR: Ricky 2017/6/8   |  | DWG NO.: ATD-02X-XX-V15          |           |
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|   |  |        | APPD:                |  | 1:1                              | SHEET 1/2 |



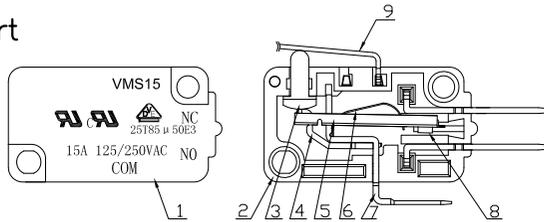
RoHS  
Compliant  
2002/95/EC

|      |      |     |       |
|------|------|-----|-------|
| REV. | ECN. | NO. | APPD. |
|      |      |     |       |
|      |      |     |       |

### Terminal Type



### Structure chart



### Material list

| NO. | PARTS         | MATERIAL     | Q'TY | FINISHING      |
|-----|---------------|--------------|------|----------------|
| 9   | Lever         | SUS301       | 1    |                |
| 8   | Contact       | Silver alloy | 3    |                |
| 7   | Terminal      | C2680        | 3    | Silver Plating |
| 6   | Spring Plate  | C5210        | 1    |                |
| 5   | Change Plate  | C2680        | 1    |                |
| 4   | Fixed Rod     | C2680        | 1    |                |
| 3   | Button        | PBT          | 1    | Gray           |
| 2   | Lower Housing | PBT          | 1    | Black          |
| 1   | Upper Housing | PBT          | 1    | Black          |

Tolerance: ±0.2

UNITS mm

MAT'L

SEE NOTE

FINISH

SEE NOTE

Q'TY

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|                      |                          |                  |                  |
|----------------------|--------------------------|------------------|------------------|
| <b>东莞市铀高电子制品有限公司</b> |                          |                  |                  |
| TITLE:               | MICRO SWITCH VM15 SERIES | PART NO.:        | VMS15-02X-XX-V15 |
| DR:                  | Ricky 2017/6/8           | DWG NO.:         | ATD-02X-XX-V15   |
| CHKD:                | Ricky 2017/6/8           | SCALE            | 1:1              |
| APPD:                |                          | SHEET            | 2/2              |
|                      |                          | REV.             | A                |
|                      |                          | CUSTOMER DRAWING |                  |