

## Key Selector Switches

| Part No.       | LBW①K-②③T④⑤-⑥                                                                     |                                                                                   |                                                                                   |                                                                                    | Disc Tumbler Key                                                                    |                                                                                     |
|----------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                | Wave Key                                                                          |                                                                                   |                                                                                   |                                                                                    | Disc Tumbler Key                                                                    |                                                                                     |
|                |  |  |  |  |  |  |
|                | Round / Black Bezel                                                               | Square / Black Bezel                                                              | Round / Metallic Bezel                                                            | Square / Metallic Bezel                                                            | Round / Metallic Bezel                                                              | Square / Metallic Bezel                                                             |
| ① Style        | ② Operator Position                                                               |                                                                                   | ⑤ Key Removable Position                                                          | ⑤ Contact                                                                          | Part No.                                                                            |                                                                                     |
|                |                                                                                   |                                                                                   |                                                                                   |                                                                                    | Gold Contact                                                                        | Silver Contact                                                                      |
| Black bezel    | 90° 2-position                                                                    | Maintained                                                                        | A: Key removable in all positions                                                 | SPDT                                                                               | LBW①K-2ST1A                                                                         | LBW①K-2ST5A                                                                         |
|                |                                                                                   |                                                                                   |                                                                                   | DPDT                                                                               | LBW①K-2ST2A                                                                         | LBW①K-2ST6A                                                                         |
|                |                                                                                   |                                                                                   |                                                                                   | 3PDT                                                                               | LBW①K-2ST3A                                                                         | LBW①K-2ST7A                                                                         |
|                | 45° 3-position                                                                    | Maintained                                                                        | A: Key removable in all positions                                                 | DPDT                                                                               | LBW①K-3ST2A                                                                         | LBW①K-3ST6A                                                                         |
| Metallic bezel | 90° 2-position                                                                    | Maintained                                                                        | A: Key removable in all positions                                                 | SPDT                                                                               | LBW①K-2ST1A                                                                         | LBW①K-2ST5A                                                                         |
|                |                                                                                   |                                                                                   |                                                                                   | DPDT                                                                               | LBW①K-2ST2A                                                                         | LBW①K-2ST6A                                                                         |
|                |                                                                                   |                                                                                   |                                                                                   | 3PDT                                                                               | LBW①K-2ST3A                                                                         | LBW①K-2ST7A                                                                         |
|                | 45° 3-position                                                                    | Maintained                                                                        | A: Key removable in all positions                                                 | DPDT                                                                               | LBW①K-3ST2A                                                                         | LBW①K-3ST6A                                                                         |
|                |                                                                                   |                                                                                   |                                                                                   | 3PDT                                                                               | LBW①K-3ST3A                                                                         | LBW①K-3ST7A                                                                         |

- For operator position, see Part Number Interpretation below.
- For key removable position, see Part Number Interpretation below. The key cannot be removed in a spring returned position.
- Two keys are supplied.
- Besides the standard key (key number 0H), six other keys are available.
- Disc tumbler keys also available. Only the standard key is available. To specify, see Part Number Interpretation below.
- PC board terminals available for gold contacts. To specify, see Part Number Interpretation below.
- For contact operation, see 593.

### Part Number Interpretation

LBW①K-②③T④⑤-⑥



To be used for interpreting part numbers only, not for part number development.

#### ① Style

| Code | Shape                   |
|------|-------------------------|
| 6    | Round / Black Bezel     |
| 7    | Square / Black Bezel    |
| 6M   | Round / Metallic Bezel  |
| 7M   | Square / Metallic Bezel |

#### ② Operator Position

| Code | Operator Position                    |
|------|--------------------------------------|
| 2    | 90° 2-position maintained            |
| 3    | 45° 3-position maintained            |
| 33   | 45°-3-position spring return two-way |

#### ③ Key Style

| Code  | Key Style        |
|-------|------------------|
| S     | Wave key         |
| Blank | Disc tumbler key |

#### ④ Contacts

| Code | Contact                           |
|------|-----------------------------------|
| 1    | Gold/SPDT (90° 2-position only)   |
| 2    | Gold/DPDT                         |
| 3    | Gold/3PDT                         |
| 5    | Silver/SPDT (90° 2-position only) |
| 6    | Silver/DPDT                       |
| 7    | Silver/3PDT                       |

#### ⑤ Key Removal Position

2-position

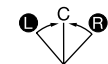
| Key Removable Position                                                              |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| A: Key removable in all positions                                                   | B: Key removable at left position only                                              |
|  |  |

3-position

| Key Removable Position                                                                |                                                                                       |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| A: Key removable in all positions                                                     | D: Key removable at center only                                                       |
|  |  |

3-position

Spring return two-way



- Key removable at L, C, R.
- Key retained at L, R.

#### ⑥ Key Number (for wave keys only)

| Code        |                    |
|-------------|--------------------|
| 0H or Blank | Standard key       |
| 1H to 2H    | Reversible key     |
| 3H to 6H    | Non-reversible key |

#### Others

| Code  | Specification                         | Part No. Example |
|-------|---------------------------------------|------------------|
| Blank | Solder/Tab Terminal                   | —                |
| V     | PC Board Terminal (Gold Contact Only) | LBW6K-2T1VA      |

## Key Selector Switches (Sub-assembled)

| Contact Block | Operator | Completed Unit |
|---------------|----------|----------------|
|---------------|----------|----------------|



## Contact Block

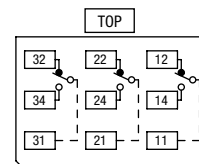
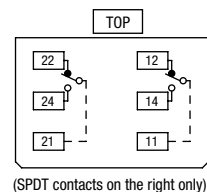
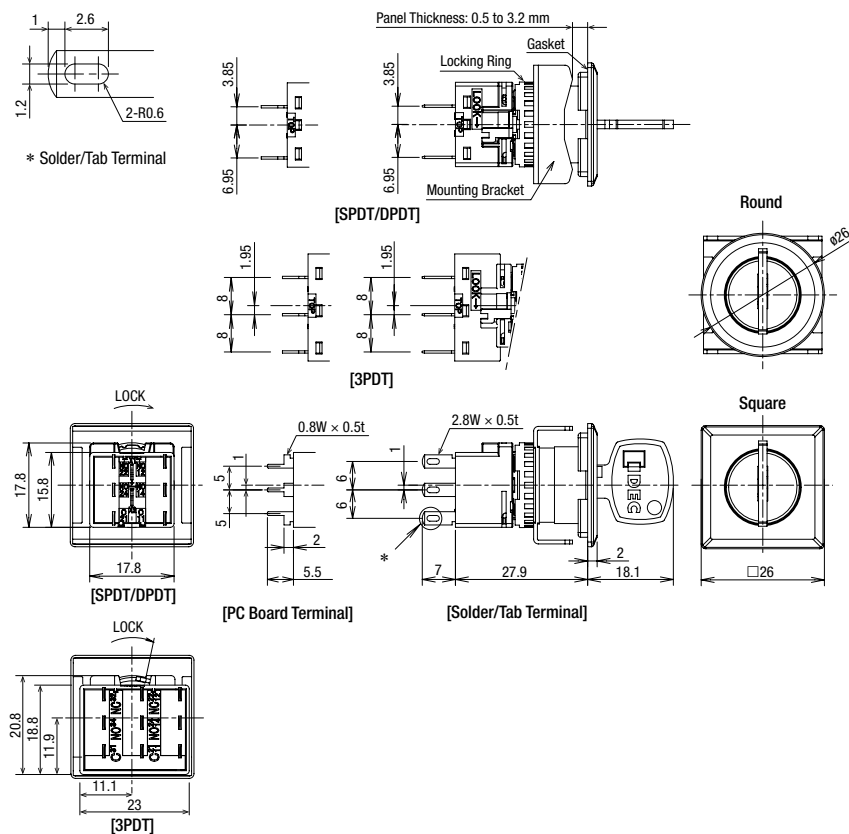
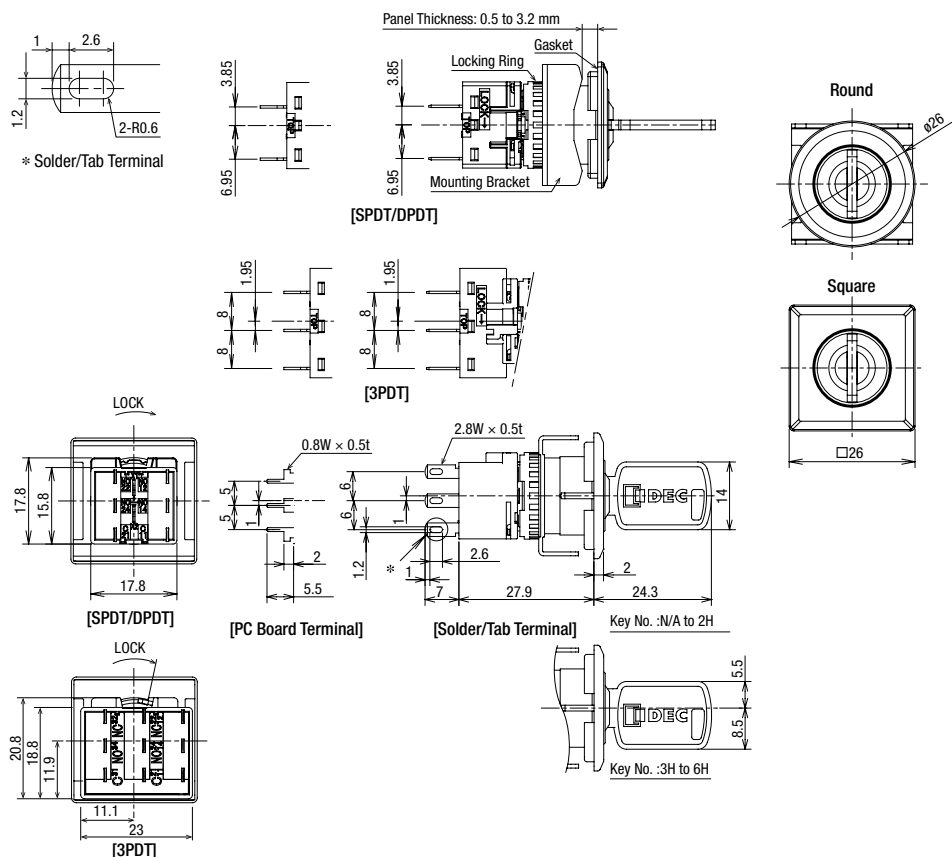
| Terminal Style                                                                    | Material   | Contact | Part Number |
|-----------------------------------------------------------------------------------|------------|---------|-------------|
|  | Solder/Tab | Silver  | SPDT LB-T5  |
|                                                                                   |            |         | DPDT LB-T6  |
|                                                                                   |            |         | 3PDT LB-T7  |
|  | PCB        | Gold    | SPDT LB-T1V |
|                                                                                   |            |         | DPDT LB-T2V |
|                                                                                   |            |         | 3PDT LB-T3V |

## Operator

| Style                                                                                                     | Shape  | Position | Function                             | Key Style        | Key Remove Position | Part number |
|-----------------------------------------------------------------------------------------------------------|--------|----------|--------------------------------------|------------------|---------------------|-------------|
| Black Plastic bezel<br> | Round  | 2        | 90° 2-position maintained            | Disc tumbler key | All positions       | LBW6K-2A    |
|                                                                                                           |        |          |                                      |                  | Left                | LBW6K-2B    |
|                                                                                                           |        |          |                                      | Wave key         | All positions       | LBW6K-2SA   |
|                                                                                                           |        |          |                                      |                  | Left                | LBW6K-2SB   |
|                                                                                                           |        | 3        | 45° 3-position maintained            | Disc tumbler key | All positions       | LBW6K-3A    |
|                                                                                                           |        |          |                                      |                  | Center              | LBW6K-3D    |
|                                                                                                           |        |          |                                      | Wave key         | All positions       | LBW6K-3SA   |
|                                                                                                           |        |          |                                      |                  | Center              | LBW6K-3SD   |
|                                                                                                           |        |          | 45°-3-position spring return two-way | Disc tumbler key | All positions       | LBW6K-33D   |
|                                                                                                           |        |          |                                      | Wave key         | Center              | LBW6K-33SD  |
|                                                                                                           | Square | 2        | 90° 2-position maintained            | Disc tumbler key | All positions       | LBW7K-2A    |
|                                                                                                           |        |          |                                      |                  | Left                | LBW7K-2B    |
|                                                                                                           |        |          |                                      | Wave key         | All positions       | LBW7K-2SA   |
|                                                                                                           |        |          |                                      |                  | Left                | LBW7K-2SB   |
|                                                                                                           |        | 3        | 45° 3-position maintained            | Disc tumbler key | All positions       | LBW7K-3A    |
|                                                                                                           |        |          |                                      |                  | Center              | LBW7K-3D    |
|                                                                                                           |        |          |                                      | Wave key         | All positions       | LBW7K-3SA   |
|                                                                                                           |        |          |                                      |                  | Center              | LBW7K-3SD   |
|                                                                                                           |        |          | 45°-3-position spring return two-way | Disc tumbler key | Center              | LBW7K-33D   |
|                                                                                                           |        |          |                                      | Wave key         |                     | LBW7K-33SD  |

| Style                                                                                               | Shape  | Position | Function                             | Key Style        | Key Remove Position | Part number |
|-----------------------------------------------------------------------------------------------------|--------|----------|--------------------------------------|------------------|---------------------|-------------|
| Metallic Bezel<br> | Round  | 2        | 90° 2-position maintained            | Disc tumbler key | All positions       | LBW6MK-2A   |
|                                                                                                     |        |          |                                      |                  | Left                | LBW6MK-2B   |
|                                                                                                     |        |          |                                      | Wave key         | All positions       | LBW6MK-2SA  |
|                                                                                                     |        |          |                                      |                  | Left                | LBW6MK-2SB  |
|                                                                                                     |        | 3        | 45° 3-position maintained            | Disc tumbler key | All positions       | LBW6MK-3A   |
|                                                                                                     |        |          |                                      |                  | Center              | LBW6MK-3D   |
|                                                                                                     |        |          |                                      | Wave key         | All positions       | LBW6MK-3SA  |
|                                                                                                     |        |          |                                      |                  | Center              | LBW6MK-3SD  |
|                                                                                                     |        |          | 45°-3-position spring return two-way | Disc tumbler key | Center              | LBW6MK-33D  |
|                                                                                                     |        |          |                                      | Wave key         |                     | LBW6MK-33SD |
|                                                                                                     | Square | 2        | 90° 2-position maintained            | Disc tumbler key | All positions       | LBW7MK-2A   |
|                                                                                                     |        |          |                                      |                  | Left                | LBW7MK-2B   |
|                                                                                                     |        |          |                                      | Wave key         | All positions       | LBW7MK-2SA  |
|                                                                                                     |        |          |                                      |                  | Left                | LBW7MK-2SB  |
|                                                                                                     |        | 3        | 45° 3-position maintained            | Disc tumbler key | All positions       | LBW7MK-3A   |
|                                                                                                     |        |          |                                      |                  | Center              | LBW7MK-3D   |
|                                                                                                     |        |          |                                      | Wave key         | All positions       | LBW7MK-3SA  |
|                                                                                                     |        |          |                                      |                  | Center              | LBW7MK-3SD  |
|                                                                                                     |        |          | 45°-3-position spring return two-way | Disc tumbler key | Center              | LBW7MK-33D  |
|                                                                                                     |        |          |                                      | Wave key         |                     | LBW7MK-33SD |

## Key Selector Switches with Wave Key



- For details on mounting hole layout, see **593**.
- For details on pc board and circuit design, see **594**.
- For details on single board mounting, see **593**.