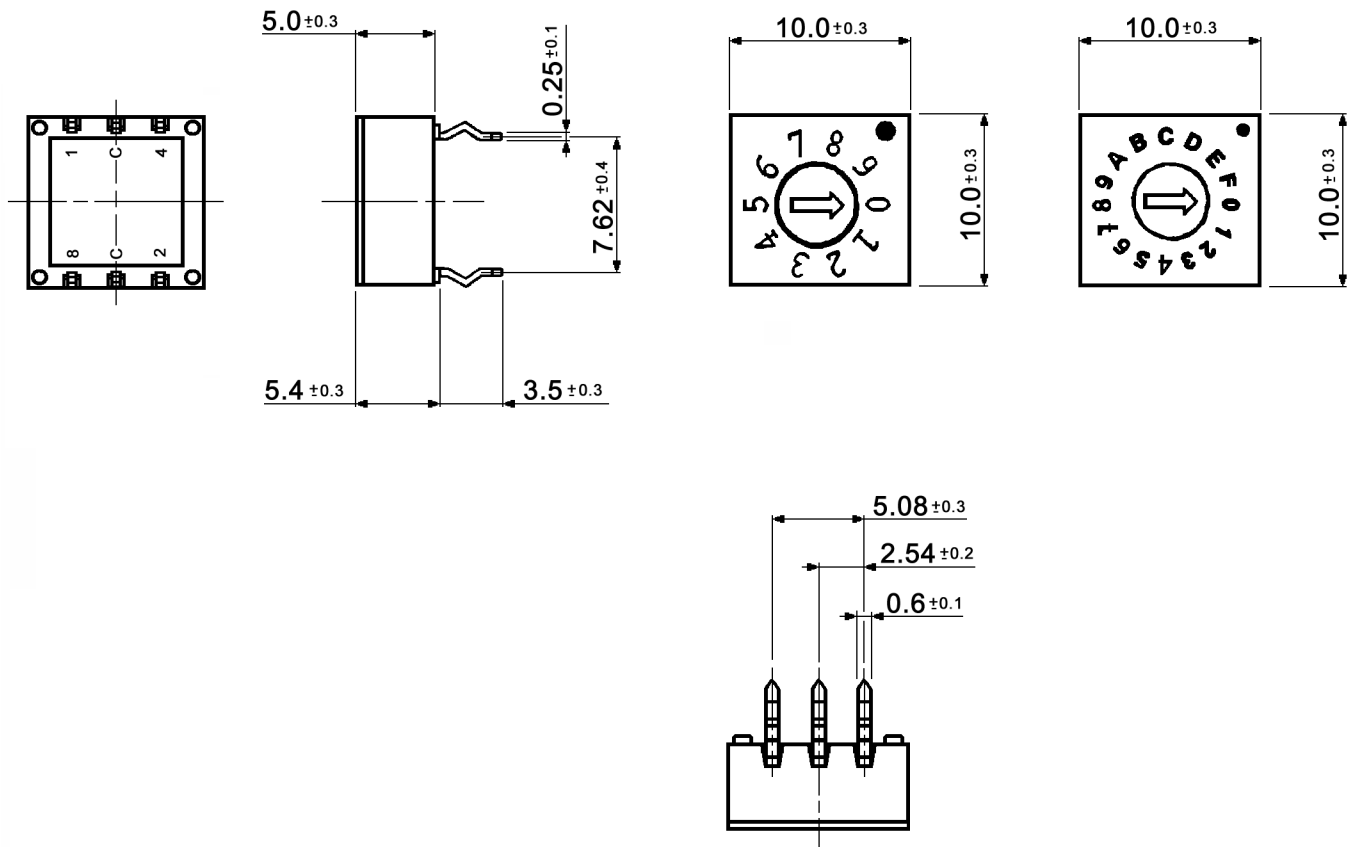
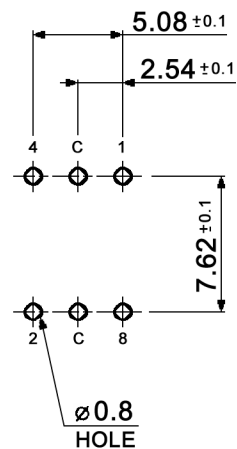




#### P.C.B. LAYOUT



#### Specifications:

|                        |                                                                 |
|------------------------|-----------------------------------------------------------------|
| Contact rating:        | switching: 25mA, 24V DC<br>non-switching: 100mA                 |
| Contact resistance:    | 100mOhm max.                                                    |
| Insulation resistance: | 1 000MOhm min. at 100V DC                                       |
| Dielectric strength:   | 250V AC, 50Hz for the duration of 1 minute                      |
| Operating temperature: | -25°C to +70°C                                                  |
| Storage temperature:   | -40°C to +85°C                                                  |
| Mechanical life:       | 2 000 cycles                                                    |
| Soldering conditions:  | max. 260 +/-5°C for 5 +/-1sec.                                  |
| Construction:          | washable                                                        |
| Material:              | Terminals: tin plated over nickel<br>Case / rotor: PBT, UL94V-0 |



|                                                           |      |      |       |      |                |             |
|-----------------------------------------------------------|------|------|-------|------|----------------|-------------|
| Tolerances: 0-1: ±0.03mm<br>1-4: ±0.05mm<br>4-16: ±0.07mm |      |      | Date  | Name | DRS 20xxx      |             |
|                                                           |      |      | 02/12 | dr   |                |             |
|                                                           |      |      |       |      | 30 25 41       |             |
|                                                           |      |      |       |      |                |             |
|                                                           |      |      |       |      | knitter-switch |             |
|                                                           |      |      |       |      |                |             |
| Modifications                                             | Date | Name |       |      |                | Page<br>1/2 |

|                                                 |   | real BCD-coded |   |   |   |
|-------------------------------------------------|---|----------------|---|---|---|
|                                                 |   | 1              | 2 | 4 | 8 |
| 10<br>P<br>o<br>s<br>i<br>t<br>i<br>o<br>n<br>s | 0 |                |   |   |   |
|                                                 | 1 | •              |   |   |   |
|                                                 | 2 |                | • |   |   |
|                                                 | 3 | •              | • |   |   |
|                                                 | 4 |                |   | • |   |
|                                                 | 5 | •              |   | • |   |
|                                                 | 6 |                | • | • |   |
|                                                 | 7 | •              | • | • |   |
|                                                 | 8 |                |   |   | • |
|                                                 | 9 | •              |   |   | • |

|                                                 |   | invers BCD-coded |   |   |   |
|-------------------------------------------------|---|------------------|---|---|---|
|                                                 |   | 1                | 2 | 4 | 8 |
| 10<br>P<br>o<br>s<br>i<br>t<br>i<br>o<br>n<br>s | 0 | •                | • | • | • |
|                                                 | 1 |                  | • | • | • |
|                                                 | 2 | •                |   | • | • |
|                                                 | 3 |                  |   | • | • |
|                                                 | 4 | •                | • |   | • |
|                                                 | 5 |                  | • |   | • |
|                                                 | 6 | •                |   |   | • |
|                                                 | 7 |                  |   |   | • |
|                                                 | 8 | •                | • | • |   |
|                                                 | 9 |                  | • | • |   |

|                                                 |   | real hex-coded |   |   |   |
|-------------------------------------------------|---|----------------|---|---|---|
|                                                 |   | 1              | 2 | 4 | 8 |
| 16<br>P<br>o<br>s<br>i<br>t<br>i<br>o<br>n<br>s | 0 |                |   |   |   |
|                                                 | 1 | •              |   |   |   |
|                                                 | 2 |                | • |   |   |
|                                                 | 3 | •              | • |   |   |
|                                                 | 4 |                |   | • |   |
|                                                 | 5 | •              |   | • |   |
|                                                 | 6 |                | • | • |   |
|                                                 | 7 | •              | • | • |   |
|                                                 | 8 |                |   |   | • |
|                                                 | 9 | •              |   |   | • |
|                                                 | A |                | • |   | • |
|                                                 | B | •              | • |   | • |
|                                                 | C |                |   | • | • |
|                                                 | D | •              |   | • | • |
|                                                 | E |                | • | • | • |
|                                                 | F | •              | • | • | • |

|                                                 |   | invers hex-coded |   |   |   |
|-------------------------------------------------|---|------------------|---|---|---|
|                                                 |   | 1                | 2 | 4 | 8 |
| 16<br>P<br>o<br>s<br>i<br>t<br>i<br>o<br>n<br>s | 0 | •                | • | • | • |
|                                                 | 1 |                  | • | • | • |
|                                                 | 2 | •                |   | • | • |
|                                                 | 3 |                  |   | • | • |
|                                                 | 4 | •                | • |   | • |
|                                                 | 5 |                  |   |   | • |
|                                                 | 6 | •                |   |   | • |
|                                                 | 7 |                  |   |   | • |
|                                                 | 8 | •                | • | • |   |
|                                                 | 9 |                  | • | • |   |
|                                                 | A | •                |   | • |   |
|                                                 | B |                  |   | • |   |
|                                                 | C | •                | • |   |   |
|                                                 | D |                  | • |   |   |
|                                                 | E | •                |   |   |   |
|                                                 | F |                  |   |   |   |

| xxx | Code                     | Rotor |
|-----|--------------------------|-------|
| 010 | real BCD-coded, 10pcs.   | white |
| 110 | invers BCD-coded, 10pcs. | red   |
| 016 | real hex-coded, 16pcs.   | white |
| 116 | invers hex-coded, 16pcs. | red   |



|                                                           |      |      |                       |      |                      |
|-----------------------------------------------------------|------|------|-----------------------|------|----------------------|
| Tolerances: 0-1: ±0.03mm<br>1-4: ±0.05mm<br>4-16: ±0.07mm |      |      | Date                  | Name | <div>DRS 20xxx</div> |
|                                                           |      |      | 02/12                 | dr   |                      |
|                                                           |      |      |                       |      |                      |
|                                                           |      |      |                       |      |                      |
|                                                           |      |      | <b>knitter-switch</b> |      | <div>30 25 41</div>  |
|                                                           |      |      |                       |      |                      |
|                                                           |      |      |                       |      |                      |
|                                                           |      |      |                       |      |                      |
| Modifications                                             | Date | Name |                       |      | Page<br>2/2          |