

# THC93S

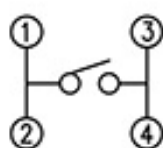
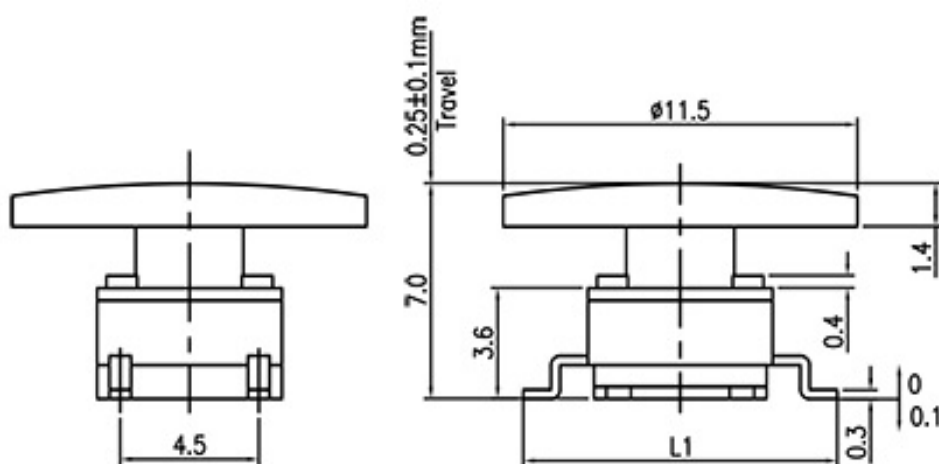


**PTR HARTMANN**

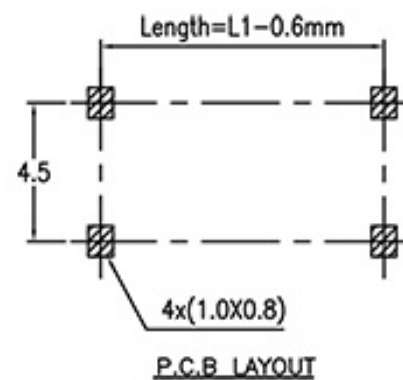
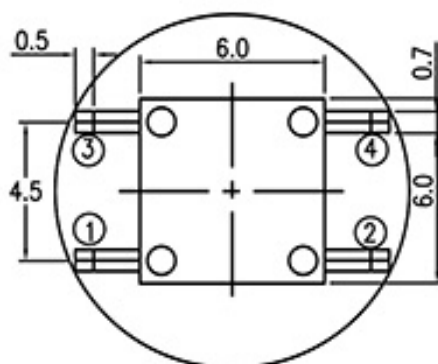
A Phoenix Mecano Company



- With special actuator 11.5 mm diameter
- 3 pin lengths available
- Reflow soldering



CIRCUIT



| Mechanical Data | Electrical Data | Material |
|-----------------|-----------------|----------|
|-----------------|-----------------|----------|

|                           |                   |
|---------------------------|-------------------|
| Fixation mode             | SMT               |
| Type                      | horizontal        |
| Actuation direction       | vertical          |
| Travel                    | 0.25 mm ± 0.1 mm  |
| Length                    | 6.0 mm            |
| Width                     | 6.0 mm            |
| Perm. ambient temperature | -40 °C ... +85 °C |
| Perm. storage temperature | max. 30 °C        |
| Reflow soldering          | max. 260 °C       |

| Mechanical Data | Electrical Data | Material |
|-----------------|-----------------|----------|
|-----------------|-----------------|----------|

|                       |                     |
|-----------------------|---------------------|
| Rating                | 12.0 VDC / 50.0 mA  |
| Contact resistance    | < 100.0 mΩ          |
| Insulation resistance | > 100.0 MΩ          |
| Test voltage          | 250.0 VAC / 1.0 min |

| Mechanical Data | Electrical Data | Material |
|-----------------|-----------------|----------|
|-----------------|-----------------|----------|

|             |                                                               |
|-------------|---------------------------------------------------------------|
| Housing     | PA46                                                          |
| Pin plating | Bronze, Ag plated                                             |
| Cap         | PA66 ,delivered separately, not suitable for Reflow soldering |
| Metal cover | Stahl (Spcc), Ni plated                                       |
| Dome        | Stainless steel (SUS), Ag plated                              |