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## ESE20C/20D Momentary Push Switches

Type:
ESE20C/ESE20D ( $\mathrm{H}=8.9 \mathrm{~mm}$ )

## - Features

- User-friendly tactile feedback when operated
- Long over-travel

■ Recommended Applications

- Operation switches for automobiles (switches for heater controls, overdrive, steering, etc.)
- Secondary power switches for lower voltage in consumer electronic equipment and different types of mode switches

Explanation of Part Numbers


Specifications

| Rating | $0.01 \mathrm{~A} \mathrm{5} \mathrm{Vdc} \mathrm{to} \mathrm{0.1} \mathrm{~A} \mathrm{14} \mathrm{Vdc} \mathrm{(Resistive} \mathrm{load)}$ |
| :--- | :---: |
| Full Travel | 2.5 mm |
| Mounting Height | 8.9 mm |
| Poles and Throws | 1-pole 1-throw |
| Operating Mode | Non-lock |
| Operating Force | $2.0 \mathrm{~N} \pm 1.0 \mathrm{~N}, 4.0 \mathrm{~N} \pm 1.5 \mathrm{~N}$ |
| Minimum Quantity/Packing Unit | 60 pcs. Polyethylene Bag (Bulk) |
| Quantity/Carton | 1200 pcs. |

Standard Products

| Full Travel | Operating Force | Lever Height | Terminal Shape |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | Straight | Formed |
| 2.5 mm | $2.0 \mathrm{~N} \pm 1.0 \mathrm{~N}$ | 12.5 mm | ESE20*323 | ESE20*321 |
|  |  | 17.5 mm | ESE20*423 | ESE20*421 |
|  | 4.0 N $\pm 1.5 \mathrm{~N}$ | 12.5 mm | ESE20*343 | ESE20*341 |
|  |  | 17.5 mm | ESE20*443 | ESE20*441 |

[^0]Dimensions in mm (not to scale)

| No. 1 |  |  |  |
| :---: | :---: | :---: | :---: |
| ESE20*4 $\square$ <br> * $\cdots$ C : For automotive use <br> D : For consumer products 1-pole 1-throw | PWB mounting hole for reference Tolerance : $\pm 0.05$ ( $\mathrm{t}=1.6 \mathrm{~mm}$ ) View from terminal side | Circuit diagram |  <br> F-S Characteristics |
| No. 2 |  |  |  |
| ESE20*3 $\square$ <br> *‥C: For automotive use <br> D : For consumer products 1-pole 1-throw | PWB mounting hole for reference Tolerance : $\pm 0.05$ ( $\mathrm{t}=1.6 \mathrm{~mm}$ ) View from terminal side | Circuit diagram |  |

[^1]
[^0]:    *․․ : For automotive use D: For consumer products

[^1]:    Application Notes:

    - Operating force should be applied at the center of the lever.

