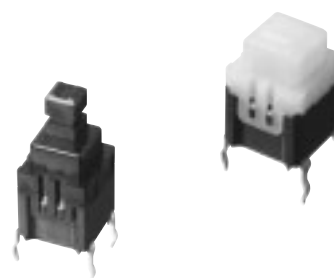


ESE20C/20D Momentary Push Switches

Type: **ESE20C/ESE20D**
(H=8.9 mm)



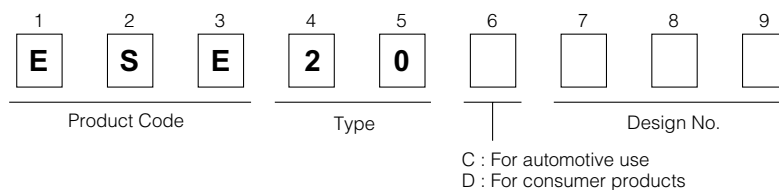
■ Features

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

■ Recommended Applications

- Operation switches for automobiles (switches for heater controls, overdrive, steering, etc.)

■ Explanation of Part Numbers



■ Specifications

Rating	0.01 A 5 Vdc to 0.1 A 14 Vdc (Resistive 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 N±1.0 N, 4.0 N±1.5 N
Minimum Quantity/Packing Unit	60 pcs. Polyethylene Bag (Bulk)
Quantity/Cartron	1200 pcs.

■ Standard Products

Full Travel	Operating Force	Lever Height	Terminal Shape	
			Straight	Formed
2.5 mm	2.0 N±1.0 N	12.5 mm	ESE20*323	ESE20*321
		17.5 mm	ESE20*423	ESE20*421
	4.0 N±1.5 N	12.5 mm	ESE20*343	ESE20*341
		17.5 mm	ESE20*443	ESE20*441

*...C : For automotive use D : For consumer products

■ Dimensions in mm (not to scale)

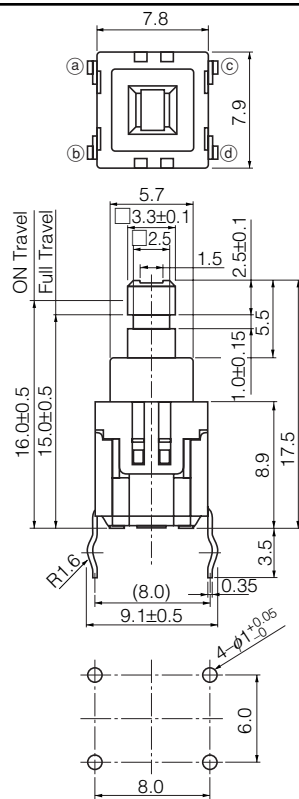
No. 1

ESE20*4□□

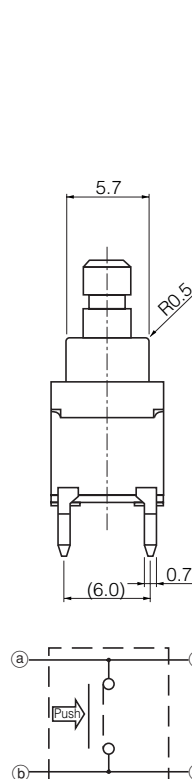
*...C : For automotive use

D : For consumer products

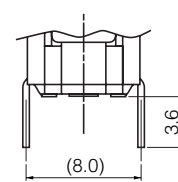
1-pole 1-throw



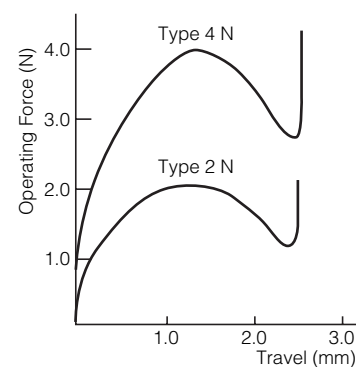
PWB mounting hole for reference
Tolerance : ± 0.05 (t=1.6 mm)
View from terminal side



Circuit diagram



Straight Terminal



F-S Characteristics

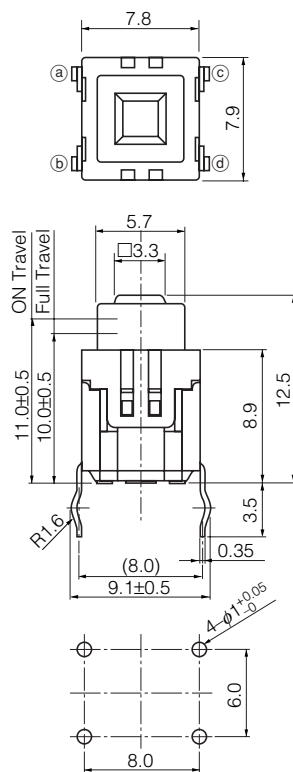
No. 2

ESE20*3□□

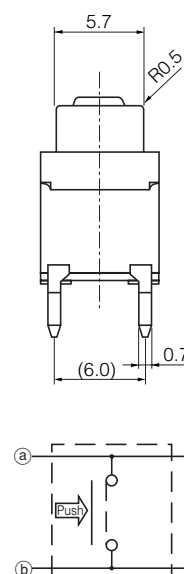
*... C : For automotive use

D : For consumer products

1-pole 1-throw



PWB mounting hole for reference
Tolerance : ± 0.05 (t=1.6 mm)
View from terminal side



Circuit diagram

■ Application Notes:

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

Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use. Should a safety concern arise regarding this product, please be sure to contact us immediately.