

5N Detector Switches

Japan

Type: **ESE11**

Standard type with a wide range of customizable features

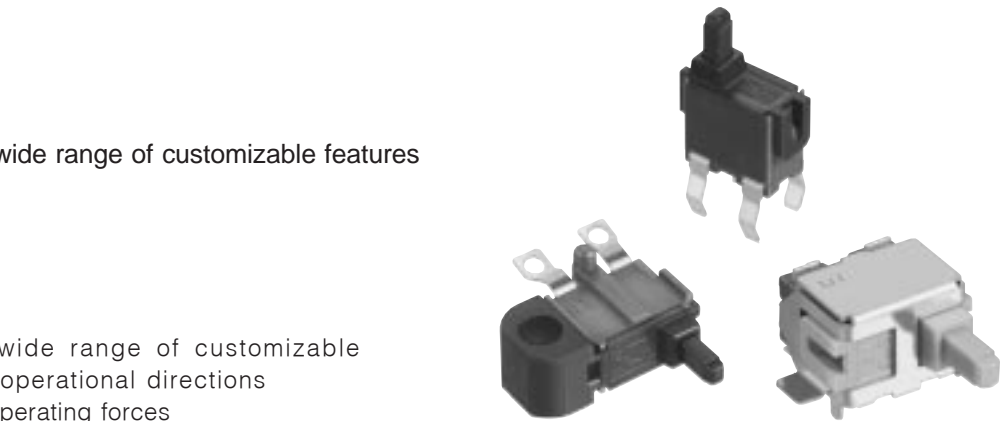
■ Features

- Attachable type, wide range of customizable features including operational directions
- Applicable to light operating forces
- A wide range of reflow soldering types available

■ Recommended Applications

- Mechanism and detection for Car Audio Equipment

■ Explanation of Part Numbers



1	2	3	4	5	6	7	8	9
E	S	E	1	1				
Product Code			Type		Style		Design No.	

■ Major Specifications

Rating	50 $\mu$ A 3 Vdc to 10 mA 5 Vdc (Resistive load)	
Operating Force	350 mN max. (Full Travel)	
Mounting Height	4.9 mm	
Poles and Throws	1-pole 1-throw	
Minimum Quantity/ Packing Unit	ESE11SV7	200 pcs. (Vinyl Bag)
	ESE11MV5, ESE11MV13	
	ESE11SH5, ESE11SH6	
	ESE11MH3, ESE11MH4	
	ESE11HS5, ESE11HS6	
	ESE11SF3, ESE11SF4	
	ESE11MV5T	800 pcs. (Reel Pack)
	ESE11MH3T, ESE11MH4T	1500 pcs. (Reel Pack)
	ESE11MV□M	100 pcs. (Magazine Pack)
Quantity/Carton	ESE11SV7	10000 pcs.
	ESE11MV5, ESE11MV13	
	ESE11SH5, ESE11SH6	
	ESE11MH3, ESE11MH4	
	ESE11HS5, ESE11HS6	
	ESE11SF3, ESE11SF4	
	ESE11MV5T	4800 pcs.
	ESE11MH3T, ESE11MH4T	9000 pcs.
	ESE11MV□M	20000 pcs.

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.

■ Dimensions in mm (not to scale)

Vertical Type	<p><b>No. 1</b> ESE11SV7 For wave soldering 1-pole 1-throw</p> <p>Recommended PWB piercing plan View from (A)</p>	<p><b>No. 2</b> ESE11MV5 For reflow soldering 1-pole 1-throw</p> <p>Recommended land pattern View from (A)</p>
	<p><b>No. 3</b> ESE11MV3 For reflow soldering 1-pole 1-throw</p> <p>Recommended land pattern View from (A)</p>	<p><b>No. 4</b> ESE11SH5 For wave soldering 1-pole 1-throw</p> <p>Recommended PWB piercing plan View from (A)</p>

■ Dimensions in mm (not to scale)

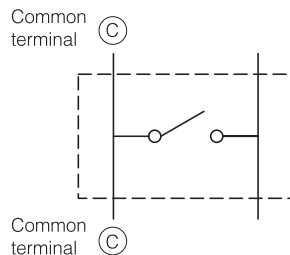
Vertical Type	<p><b>No. 5</b>    <b>ESE11SH6</b>    For wave soldering 1-pole 1-throw</p> <p>Full travel ON starting position</p> <p>Recommended PWB piercing plan View from (A)</p> <p>Lever center</p>	<p><b>No. 6</b>    <b>ESE11MH3</b>    For reflow soldering 1-pole 1-throw</p> <p>Recommended land pattern View from (A)</p> <p>Full travel ON starting position</p>
	<p><b>No. 7</b>    <b>ESE11MH4</b>    For reflow soldering 1-pole 1-throw</p> <p>Recommended land pattern View from (A)</p> <p>Full travel ON starting position</p>	<p><b>No. 8</b>    <b>ESE11HS5</b>    With mounting hole 1-pole 1-throw</p> <p>ON starting position</p> <p>Full travel ON starting position</p> <p>Full travel ON starting position</p> <p>M2 screw hole</p> <p>View from side (A)</p> <p>View from side (B)</p> <p>Recommended piercing plan</p>

[illegible]

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### ■ Circuit Diagram

1-pole 1-throw (N.O)



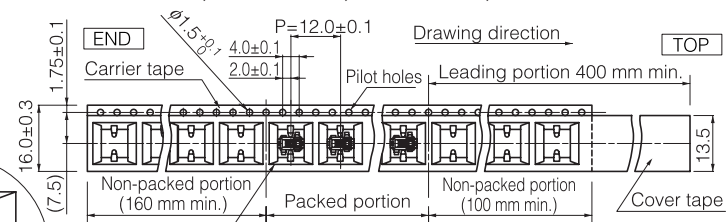
### ■ Packaging Methods

Standard Reel Dimensions in mm (not to scale)

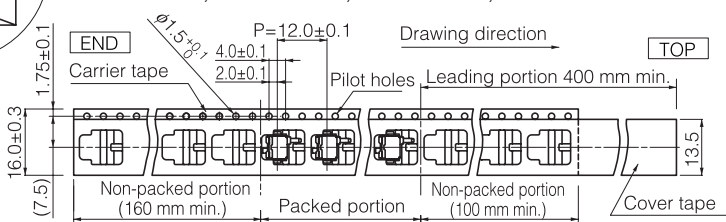
Taping Reel

Embossed Carrier Taping

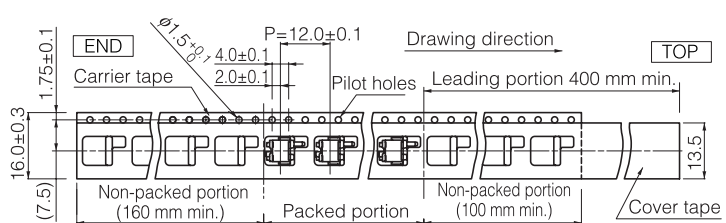
ESE11MV1T, ESE11MV5T, ESE11MV9T,



ESE11MH1T, ESE11MH2T, ESE11MH5T,



ESE11MH6T



### ■ Magazine for Automatic-inserting in mm (not to scale)

