



深圳市首韩科技有限公司

SHENZHEN SHOUHAN TECHNOLOGY CO., LTD

Tel: 0755-27597601 Fax: 0755-27597491

承 认 书

SPECIFICATION FOR APPROVAL

产 品 编 码

Material code:

产品名称 Project:

限位开关

规格型号 Part No:

SH-ESE23J101

贵公司承认印 Approval signatures

料 号/Part No.	签 章/Signatures

日期 Date:

拟制/Drawn	李春风	
审核/Check	钟华华	
批准/Approved	罗孝金	



ESE23 Detector Switches

Type: **ESE23**



Bidirectional operation, midpoint auto-return Type

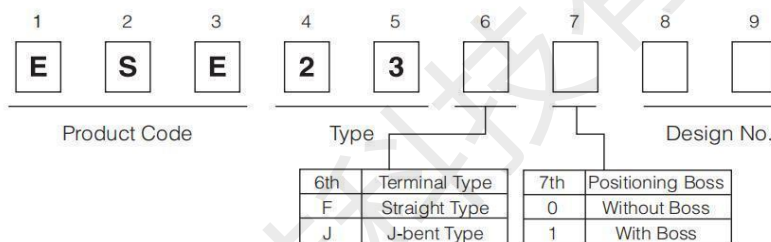
■ Features

- External dimensions : 4.1 mm×5.0 mm, Height 1.5 mm
- Long over-travel (through-operation available)
- Usable as an operation switch (an input device)

■ Recommended Applications

- Detection of media in portable electronic equipment (CD-ROM, DVD, Digital still cameras, etc.)
- Operating switches for other electronic equipment.

■ Explanation of Part Numbers



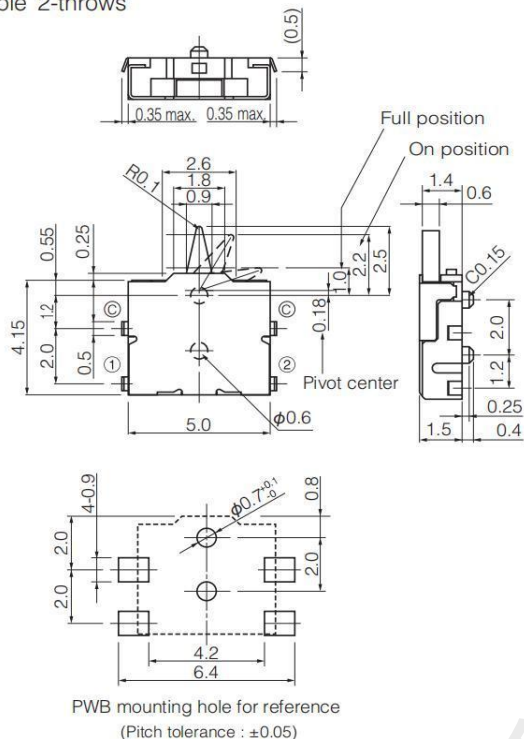
■ Specifications

Rating	50 μ A 3 V DC to 10 mA 5 V DC (Resistive load)	
Contact Resistance	500 m Ω max. (Initial)	
Insulation Resistance	100 M Ω min. (at 100 V DC for 1 minute)	
Dielectric Withstanding Voltage	100 V AC (50 Hz or 60 Hz) for 1 minute	
Operating Force	300 mN max.	
Mounting Height	1.5 mm	
Poles and Throws	1-pole 2-throws (OFF at midpoint)	
Full Travel (Pushing distance)	With Boss	1.0 mm (1.5 mm)
	Without Boss	2.2 mm (1.5 mm)
Operating Life	50,000 cycles min.	
Temperature Range	-10 °C to +60 °C (Standard), -40 °C to +85 °C (Automotive)	
Heat Resistance	+70 °C for 96 hours	
Low Temperature Resistance	-25 °C for 96 hours	
Humidity Resistance	+40 °C 90 % to 95 % RH for 96 hours	
Minimum Quantity/Packing Unit	4,000 pcs. Embossed Taping (Reel Pack)	
Quantity/Carton	24,000 pcs.	

■ Dimensions in mm (not to scale)

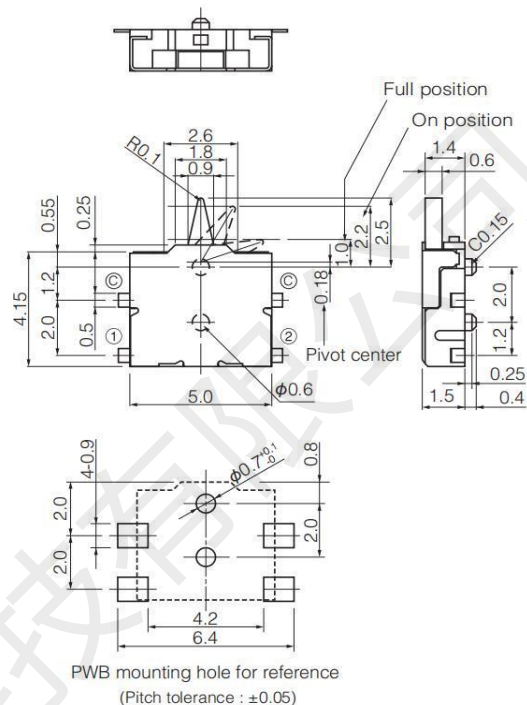
No. 1	ESE23J101 J-bent terminal with boss (Without Boss ESE23J001)
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1-pole 2-throws



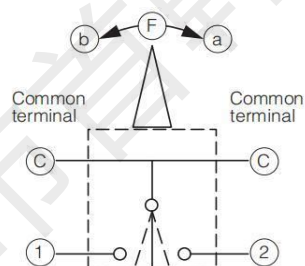
No. 2	ESE23F101 Straight terminal with boss (Without Boss ESE23F001)
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1-pole 2-throws



■ Circuit Diagram

1-pole 2-throws (N . O)

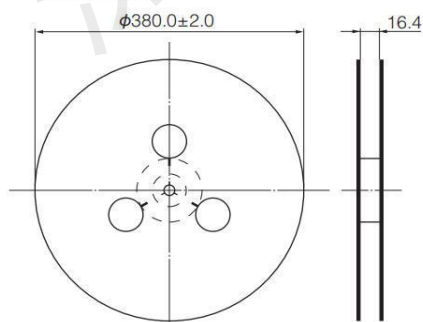


Terminal No. Lever position	(1)	(c)	(2)
(F)		○	
(a)	○	○	
(b)		○	○

■ Packaging Specifications

Standard Reel Dimensions in mm (not to scale)

Taping Reel



Embossed Carrier Taping

