

DETECTOR SWITCH

Detector switch

MODEL NO.
SPVL Series



Features/Benefits

Compact detector switch with smooth switching action.

Available in a wide variety of mounting methods, operating methods, etc.

Applications

For detecting the insertion of media.

DVD players, CD ROMs and FDDs.

Mini component stereos, CD players

Laser printer

Main Specifications

Electrical

Rating : 0.1A 5V DC

Contact Resistance: 2 Ω max.

Operating temperature: -40°C ~ 85°C

Operating Force : 0.35N max.

Operating Life : 50,000 Cycles

Subsidiary Production Code

Code number	Operating direction	Guide Boss	Drawing
SPVL	Horizontal	With	2

Packing Specification

Quantity(unit: pcs)	Pitch (unit: mm)	Remark
5000		

No.	3D	P.C.B pattern dimensions	Circuit Diagram
1		SPVL Technical drawings of the SPVL switch. The top view shows a rectangular component with dimensions: 6.6 (0.475) height, 5.55 width, and 6.21 depth. It features a terminal labeled 'Terminal No. ①' and various radii (R0.3, 2-(R1.66)). Side views show a height of 0.65 and a depth of 6.21. Front views show dimensions of 0.86, 4.25, and 5.2. A label 'ON 初始位置' points to a specific feature. A note '全冲程位置' and 'ON位置、动作力测量位置' are also present. A detail view shows a cross-section with dimensions 0.35, 0.6, 0.55, 0.7, and 1. A bottom view shows dimensions 1.9, 3, 1.5, 1.6, 2.7, 2.8, and 3.9. A note '2-φ1.1 holes' points to two holes. A note '(C0.4)' points to a corner. A note '操作方向' indicates the operating direction. A note '使操作部笔直动作时' indicates the straight action of the operating part.	Circuit diagram of the SPVL switch. It shows four terminals: 1, 2, 3, and 4. Terminal 1 is connected to terminal 4. Terminal 2 is connected to terminal 3. A dashed line connects terminal 3 to terminal 4. A note '(Common)' is placed below terminal 2, and a note '(Dummy)' is placed below terminal 3.