

# QHPS Series

## Low Profile SMT Half-Pitch DIP Switches

**NEW**



### Features/Benefits

- Low profile design save space
- Half-pitch terminal spacing
- Surface mount version only
- Flush actuators
- Top tape seal for washing process
- RoHS compatible and compliant
- Available only in tape & reel version
- Asia for Asia market

### Typical Applications

- IoT hand-held devices
- Portable smart devices
- Instrumentation and controls

### Specifications

SWITCH FUNCTION: SPST – 2, 4, 6, 8 & 10 positions

CONTACT RATING:

100 mA @ 5VDC (Switching)

25 mA @ 24VDC (Switching)

MECHANICAL LIFE: 2,000 cycles

ELECTRICAL LIFE: 1,000 cycles

INITIAL CONTACT RESISTANCE: 50 mΩ max.

INSULATION RESISTANCE: 1000 MΩ min.

OPERATING TEMPERATURE: -40°C to 85°C

OPERATING FORCE: 8N max.

SOLDERABILITY: Dip and look solderability testing per C&K spec

PACKAGING: Switches supplied in tape & reel only

### Materials

HOUSING/COVER/BASE: PA

ACTUATOR: PA46

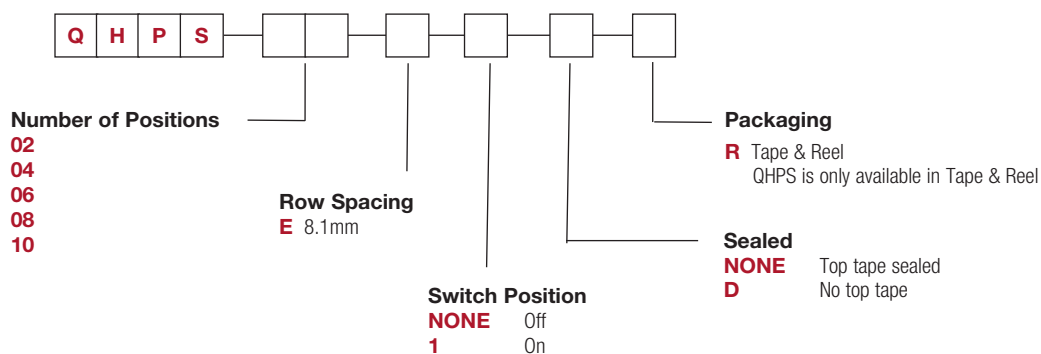
CONTACTS: Gold plate phosphor bronze

TERMINALS: Gold plate brass

**Note:** Specifications and materials listed above are for switches with standard options. For information on specific switches, please contact Asia Sales.

### How To Order

The Build-A Switch concept allows you to mix and match options to create the switch you need. Below is a complete listing of options shown in catalog. To order, simply select desired option from each category and place in the appropriate box.



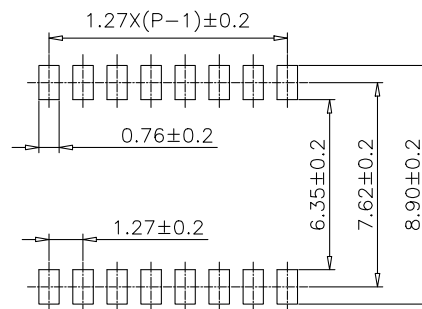
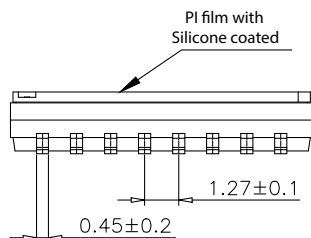
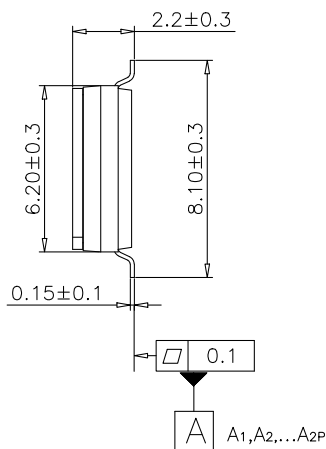
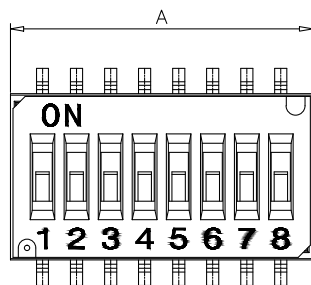
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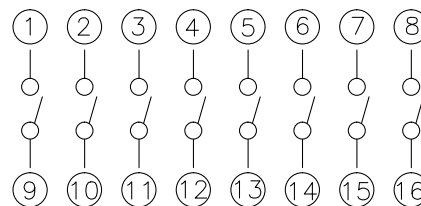


**H**

**DIP**



**PCB LAYOUT**



**CIRCUIT DIAGRAM**

PART NUMBER	NO. POS.	DIM. 'A'	QTY PER REEL
<b>QHPS02ER</b>	2	3.67	2000
<b>QHPS04ER</b>	4	6.21	
<b>QHPS06ER</b>	6	8.75	
<b>QHPS08ER</b>	8	11.29	
<b>QHPS10ER</b>	10	13.83	