

Excellent Integrated System Limited

Stocking Distributor

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[PWR70Q1S](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



Pushbutton A

PWR Series Power Pushbutton

Features/Benefits

- Movable contact with redundant high power contact points to form a momentary, SPST, double break switch
- Rubber actuator provides sealing and tactile feel.
- Small SMT packaging allows applications to integrate power and signal switch on same PCB
- RoHS compliant and compatible
- IP65

Typical Applications

- Computers and peripherals
- Automotive power function
- White goods and appliances
- Industrial power applications



Specifications

OPERATING FORCE: 7N typical.
 OPERATING LIFE: 25,000 cycles for the two VAC ratings;
 100,000 cycles for the two DC ratings.
 CONTACT RATING: 2A @ 125 VAC / 1A @ 250 VAC
 5A @ 12 VDC / 1A @ 24 VDC.
 CONTACT RESISTANCE: 100mΩ max. initial.
 DIELECTRIC STRENGTH: 1500 VRMS min.
 INSULATION RESISTANCE: 100 Mega-ohms min.
 BOUNCE TIME: 20 milliseconds max.
 OPERATING TEMPERATURE: -20°C to 85°C

Materials

MOVABLE CONTACTS: Silver alloy.
 FIXED CONTACTS/TERMINALS: Silver alloy / Tin over brass.
 BASE: PPS.
 FRAME: Stainless steel.
 ACTUATOR: Silicone rubber.

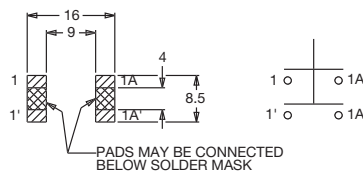
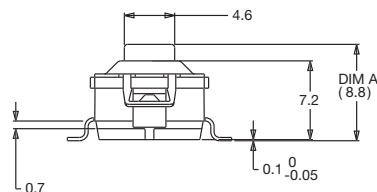
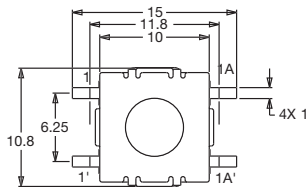
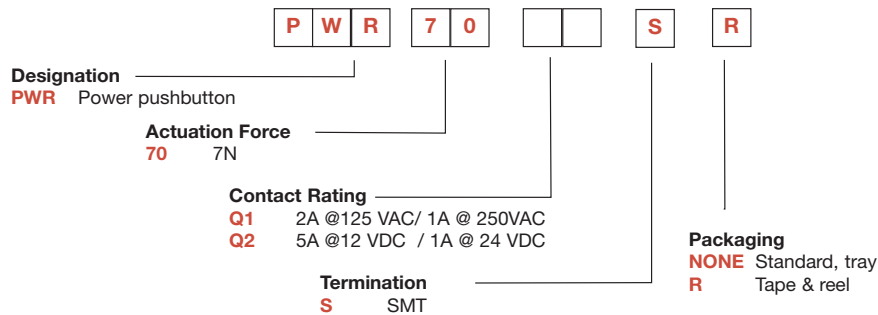
Packaging

In reels of 425 pieces.
 Dimensions of reels according to EIA RS481 or IEC 60286-3.
 External diameter 330 mm ± 2 mm.

NOTE: Specifications and materials listed above are for switches with standard options.
 For information on specific and custom switches, please contact Customer Service.

Build-A-Switch

To order, simply select desired option from each category and place in the appropriate box.



SWITCH STATE	DIM A
Free position	8.7
Operate position	7.7
Max travel	7.1



Dimensions are shown: mm
 Specifications and dimensions subject to change