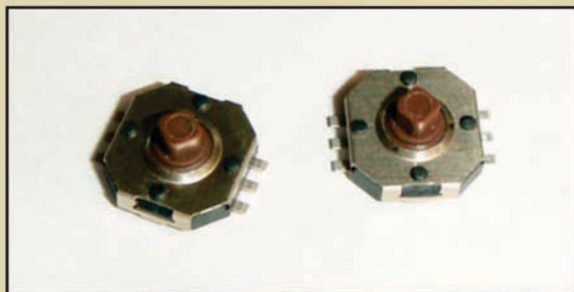


SERIES JS1400 SWITCHES



5-POSITION NAVIGATION SWITCH



FEATURES & BENEFITS

5-position joystick switch
Designed for SMT applications
that require navigation

APPLICATIONS / MARKETS

Handheld instrumentation
Navigation
Telecommunications
Consumer electronics where user
interface is needed

MECHANICAL SPECIFICATIONS

Mechanical Life:	100,000 cycles
Force:	360 +/- 60 g center actuation; 160 +/- 50 g tilt actuation
Travel:	Tilt: 5° +2.5°/-1°; center direction: 0.25 +0.1/-0.2mm

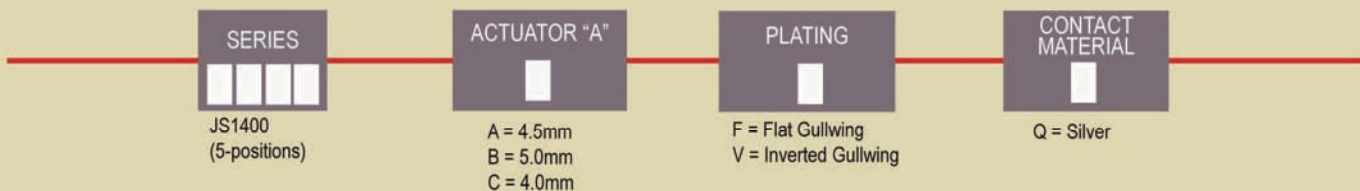
ELECTRICAL SPECIFICATIONS

Contact Arrangement:	SP 5 positions, Normally Open
Contact Rating:	12VDC, 50mA
Contact Resistance:	100mΩ (initial max)
Insulation Resistance:	100MΩ (Min @ 500VDC)
Dielectric Strength:	250VAC

ENVIRONMENTAL SPECIFICATIONS

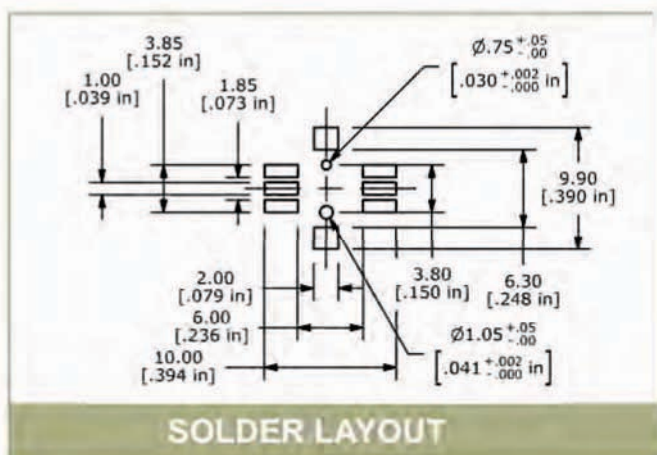
Operating Temperature:	-20°C to +70°C
Storage Temperature:	-40°C to +85°C

HOW TO ORDER:

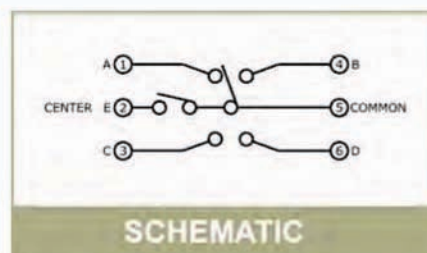


Tape and Reel packaging, 850 pieces per reel

Specifications subject to change without notice.



SOLDER LAYOUT



SCHEMATIC

OPERATING POSITION	CIRCUIT
A	1-1
B	2-2
C	3-3
D	4-4
CENTER PUSH	5-5

POSITION

Technical drawing of the 1000 Series connector showing three views: front, side, and detail. Dimensions are in inches and millimeters.

Front View Dimensions:

- Overall width: 7.80 [199.1 mm]
- Overall height: 7.40 [188.0 mm]
- Top mounting hole spacing: 7.40 [188.0 mm]
- Bottom mounting hole spacing: 7.70 [195.6 mm]
- Bottom flange width: 3.00 [76.2 mm]
- Bottom flange height: 2.80 [71.1 mm]
- Bottom flange thickness: 1.60 [40.6 mm]
- Bottom flange mounting hole spacing: 2.00 [50.8 mm]
- Bottom flange mounting hole diameter: $\varnothing 1.00$ [25.4 mm]
- Bottom flange mounting hole spacing: 3.80 [96.5 mm]
- Bottom flange mounting hole diameter: $\varnothing .70$ [17.8 mm]

Side View Dimensions:

- Overall height: 8.20 [208.3 mm]
- Top mounting hole spacing: 7.40 [188.0 mm]
- Bottom flange height: 1.95 [49.5 mm]
- Bottom flange thickness: 1.60 [40.6 mm]
- Bottom flange mounting hole spacing: 2.00 [50.8 mm]
- Bottom flange mounting hole diameter: $\varnothing 1.00$ [25.4 mm]
- Bottom flange mounting hole spacing: 3.80 [96.5 mm]
- Bottom flange mounting hole diameter: $\varnothing .70$ [17.8 mm]

Detail View Dimensions:

- Top mounting hole spacing: 7.40 [188.0 mm]
- Bottom flange height: 1.95 [49.5 mm]
- Bottom flange thickness: 1.60 [40.6 mm]
- Bottom flange mounting hole spacing: 2.00 [50.8 mm]
- Bottom flange mounting hole diameter: $\varnothing 1.00$ [25.4 mm]
- Bottom flange mounting hole spacing: 3.80 [96.5 mm]
- Bottom flange mounting hole diameter: $\varnothing .70$ [17.8 mm]

Grounding Terminal Both Sides:

- Grounding terminal width: .49 [12.4 mm]

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

E-Switch:

[JS1400CVQ](#) [JS1400DFQ](#)