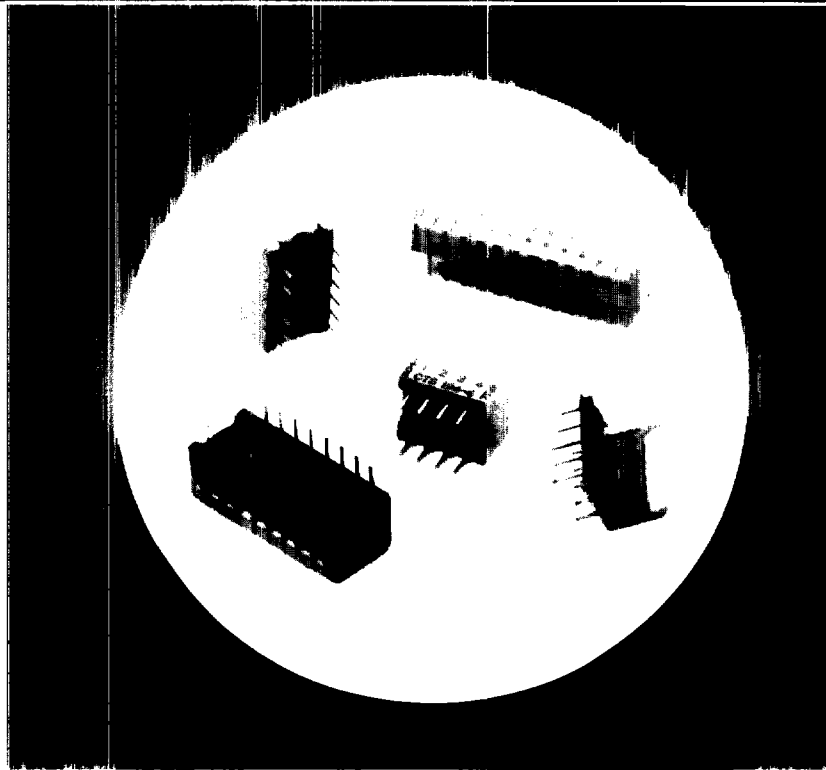


Side actuated DIP switches

- SPST switching functions
- Electrical switching occurs at 50% of actuator rotation angle
- Contact wiping on make and break
- Enclosed actuators shield contacts from foreign particles throughout life of switch
- The gold plated, lock-over-center design provides positive detent action. Optimized, active contact design incorporating a dimple-to-flat surface wiping interface with high contact force
- Reliable tape top seal optional/bottom epoxy seal standard
- Insert molded base halves ensure mechanical integrity of contacts and terminals through soldering operations
- Complete marking on front side includes all information: ON direction, pole number, logo, part number and date code
- Standard .100" x .300" DIP centers
- All U.L. 94 V-O plastics used



U.S. Patent # 4,389,549

Electrical and Mechanical Specifications

Contact Resistance

50 milliohms maximum initial
100 milliohms maximum at end of life

Actuation Life

7,000 cycles switching 50 mA @ 24 VDC

Nonswitching Rating

100 mA or 50 VDC

Insulation Resistance

1 x 10⁹ ohms minimum across open switch
1 x 10⁹ ohms minimum between adjacent closed switches

Dielectric Strength

500 VAC minimum for 1 minute between adjacent switches

Operating Temperature

0° to +70°C

Capacitance

5.0 pF maximum between adjacent closed switches

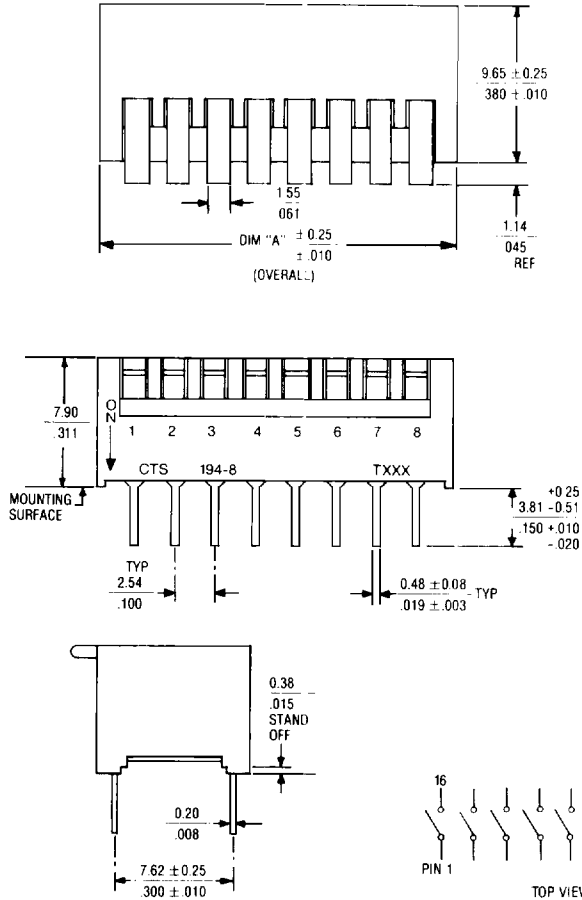
Marking

Special side or top marking available

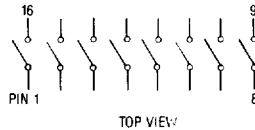
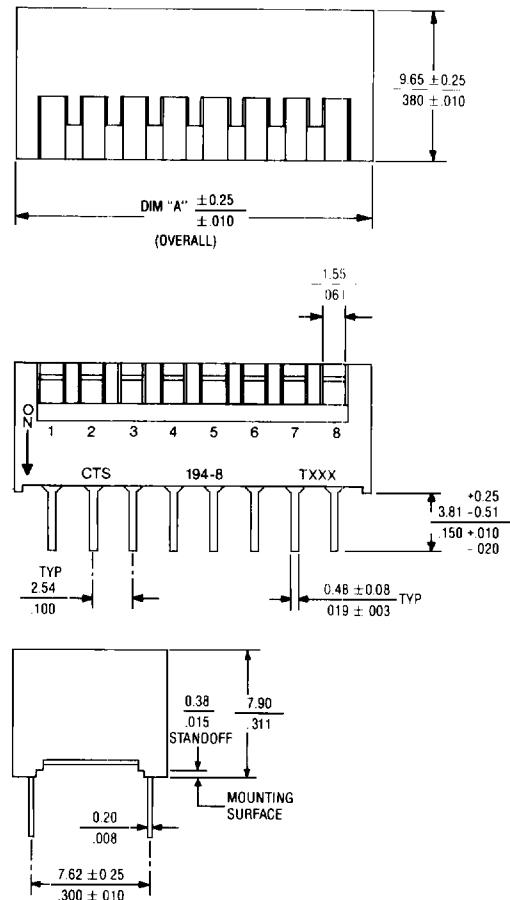
CTSCS022

CTS Series 194

Type 194-__MST EXTENDED ACTUATOR



Type 194-__ST STANDARD ACTUATOR



Dimensions: $\frac{\text{mm}}{\text{inch}}$

Ordering Information

Side Actuated Switches			
"A" Overall Dimensions	Number of Switch Sections	Bottom and Top Sealed Part Number Shipped only in "on" position	Bottom and Top Sealed Part Number Shipped only in "off" position
7.26/.286	2	194-2MST	194-2ST
9.80/.386	3	194-3MST	194-3ST
12.34/.486	4	194-4MST	194-4ST
14.88/.586	5	194-5MST	194-5ST
17.42/.686	6	194-6MST	194-6ST
19.96/.786	7	194-7MST	194-7ST
22.50/.886	8	194-8MST	194-8ST
25.04/.986	9	194-9MST	194-9ST
27.58/1.086	10	194-10MST	194-10ST
32.66/1.286	12	194-12MST	194-12ST

Bottom seal only parts available on special order.

Order From:

CTS CORPORATION, ELECTROMECHANICAL DIVISION
1142 West Beardsley Avenue / Elkhart, Indiana 46514 / (219) 295-3575