

Series 193

CTS Side Actuated Surface Mount DIP Switch

917-503/515/497

- Compatible with SMT assembly including IR and Vapor-Phase (up to 260° C)
- Enclosed actuators shield contacts from foreign particles throughout life of switch
- Contact wiping on make and break

- The gold plated, over-center design provides positive detent action. Optimized, active contact design incorporating a dimple-to-flat surface wiping interface with high contact force

ELECTRICAL AND MECHANICAL SPECIFICATIONS

Initial Contact Resistance	50 milliohms maximum
Contact Resistance After Life	100 milliohms maximum after 7,000 cycles switching 50mA @ 24VDC
Nonswitching Rating	100mA or 50VDC
Insulation Resistance	Across open switch 1×10^9 ohms minimum Between adjacent closed switches 1×10^8 ohms minimum
Dielectric Strength	500VAC min. for 1 minute between adjacent switches
Operating Temperature	0° C to +70° C
Capacitance	Between adjacent switches 5.0pf maximum
Dielectric Strength	500VAC minimum between any two insulating terminals
Shock	No mechanical damage or changes of switch settings with 25 G applied

Vibration No mechanical damage or changes of switch settings during or after testing, when tested in three mutually perpendicular planes at 10-50 Hz sweep or at 60Hz constant vibration

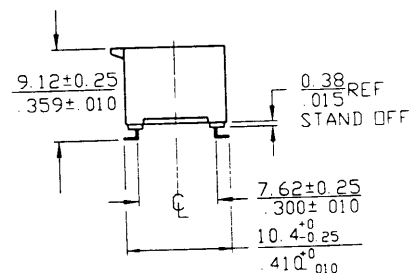
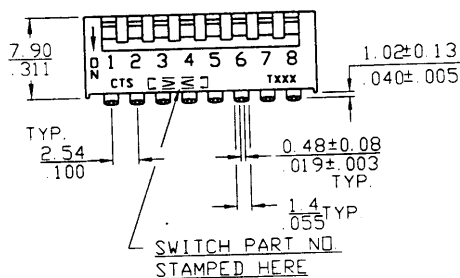
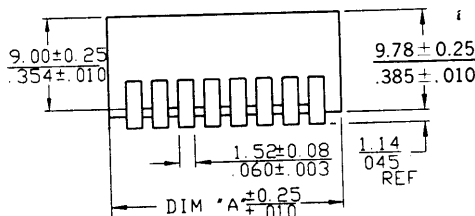
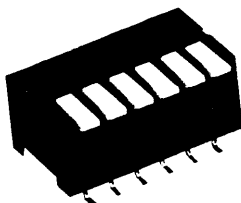
Marking Special side or top marking available

A OVERALL DIMENSION	NUMBER OF SWITCH SECTION	PART NO.
7.26/ .286	2	193002MS
9.80/ .386	3	193003MS
12.34/ .486	4	193004MS
14.88/ .586	5	193005MS
17.42/ .686	6	193006MS
19.96/ .786	7	193007MS
22.50/ .886	8	193008MS

193-XXXMS

Press Key "ON" Version
Medium Actuator

UNIT: $\frac{\text{MM}}{\text{INCH}}$



Ordering information

