

#### **Ordering Information**

Series	Number of Actuator	Switch Positions Height	Bottom Seal		Тор Таре	Seal	Shipping Position
195 <b>-</b>	XX	Μ	S		Т		Ν
							•
						Code	Spec.
		↓				BLANK	Ship at OFF position
		Ŷ		_		Ν	Ship at ON position
	Cc	ode Spe		_			
		M Medium actuator	(1.14mm/.045")	_			
	L						
	*						
Code	No. of switch positions						
2	2 positions				★		
3	3 positions		-	Code	Top tape	e seal	
4	4 positions		-	Blank	No top tap		
5	5 positions		-	Т	Top tape s		
6	6 positions		-				
7	7 positions						
8	8 positions						
9	9 positions						
10	10 positions						
12	12 positions						

Notes: Contact CTS for other common features not listed.

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# **Electrical Specifications**

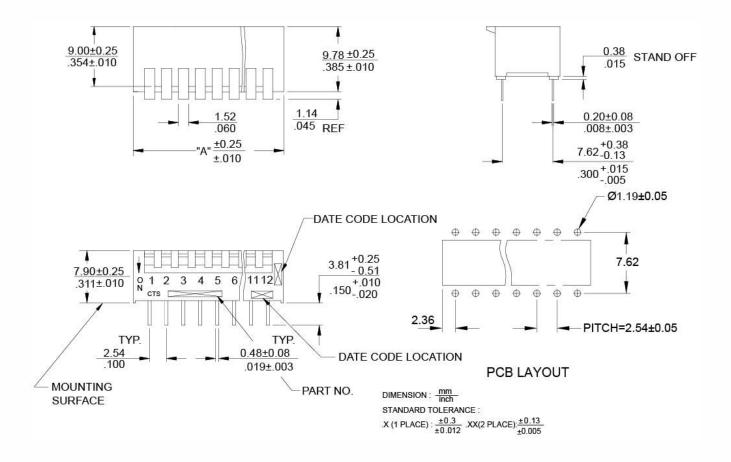
Parameter	Conditions & Remarks	Min	Max	Unit
Circuit	SPST	2	12	position
Contact Resistance	Initial At end of life		100 500	milliohms
Insulation Resistance	Between insulated terminals	1000		megohms
Dielectric Strength	500 VAC between adjacent switches		1	minute
Switch Capacitance	Between adjacent closed switches		5.0	pF
			100	mA
Nonswitching Rating			or 50	or VDC

# Mechanical and Environmental

Actuation Life	2000 cycles switching at 50mA and 24 VDC		
Soldering	Maximum wave temperature, 260°C for 5 seconds		
MSL	Level 1		
RoHS	Lead-Free. Fully compliant to RoHS Directive 2011/65/EU		
Shock	Per MIL-STD-202F, method 213B, condition A( 50G's)		
SHOCK	with no contact inconsistencies greater than 1 microsecond		
Vibration	Per MIL-STD-202F, method 204D, condition B ( .06" or 15G's between 10 HZ to 2K HZ) with		
VIDIALION	no contact inconsistencies greater than 1 microsecond		
Seal	Bottom seal standard		
Seal	Top tape seal optional		
Marking	Special side marking available-consult CTS		
Packaging:	Standard anti-static tube packaging		
Operating Temperature	-40°C to +85°C		
Range			
Storage Temperature Range	-40°C to +85°C		



### **Mechanical Specifications**



"A" Overall Dimensions	No. of Switch Positions	Part Number
7.26 / .286	2	195–2MS
9.80 / .386	3	195–3MS
12.34 / .486	4	195–4MS
14.88 / .586	5	195–5MS
17.42 / .686	6	195–6MS
19.96 / .786	7	195–7MS
22.50 / .886	8	195–8MS
25.04 / .986	9	195–9MS
27.58 / 1.086	10	195–10MS
32.66 / 1.286	12	195–12MS

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