

## **Ordering Information**

Series	Number of Actuator	Switch Positions Height	Bottom Seal		Top Tape S	eal	Shipping Position
194-	XX	M	S		Т		N
	•						•
Code	No. of switch positions					Code	Spec.
2	2 positions	*				BLANK	Ship at OFF position
3	3 positions —	Cada		_		N	Ship at ON position
4	4 positions —		ec.	_			
5	5 positions —	M Medium actuator	(1.14mm/.045")	_			
6	6 positions						
7	7 positions						
8	8 positions						
9	9 positions						
10	10 positions						
12	12 positions				*		
				Code	Top tape	seal	
				Blank	No top tape	seal	
				Т	Top tape se	al	

Notes: Contact CTS for other common features not listed.

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## **Electrical Specifications**

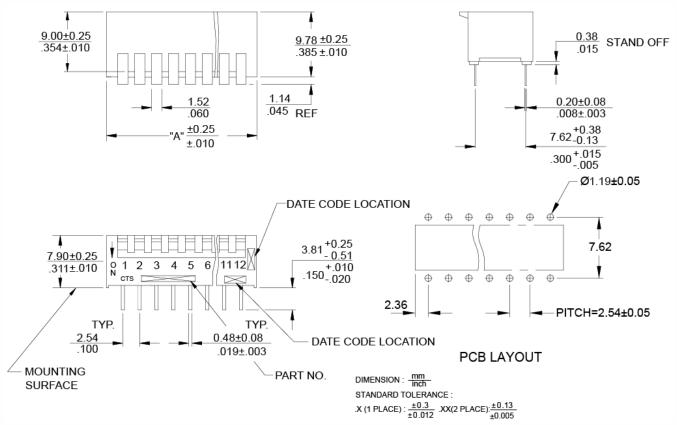
Parameter	Conditions & Remarks	Min	Max	Unit
Circuit	SPST	2	12	position
Contact Resistance	Initial At end of life		50 100	milliohms
Insulation Resistance	Between insulated terminals	1000		megohms
Dielectric Strength	500 VAC between adjacent switches		1	minute
Switch Capacitance	Between adjacent closed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

## Mechanical and Environmental

Actuation Life	7000 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	-40 C l0 +85 C	
Storage Temperature Range	-40°C to +85°C	



## **Mechanical Specifications**



"A" Overall Dimensions	No. of Switch Positions	Part Number
7.26 / .286	2	194–2MS
9.80 / .386	3	194–3MS
12.34 / .486	4	194–4MS
14.88 / .586	5	194–5MS
17.42 / .686	6	194–6MS
19.96 / .786	7	194–7MS
22.50 / .886	8	194–8MS
25.04 / .986	9	194–9MS
27.58 / 1.086	10	194–10MS
32.66 / 1.286	12	194–12MS

2020-6-18 Rev. B

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