

Ordering Information

Series	Number of Actuator	Switch Positions Height	Bottom Seal		Тор Таре	Seal	Shipping Position
195 -	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.

2020-6-18 Rev. B

www.ctscorp.com

Page 1 of 3

©2020 CTS® Corporation. Information/product(s) subject to change. No warranty that product(s) will meet the stated specifications for customer specific applications or test equipment. Visit www.ctscorp.com for list of applicable patent(s), more information, or to request a quote.



Electrical Specifications

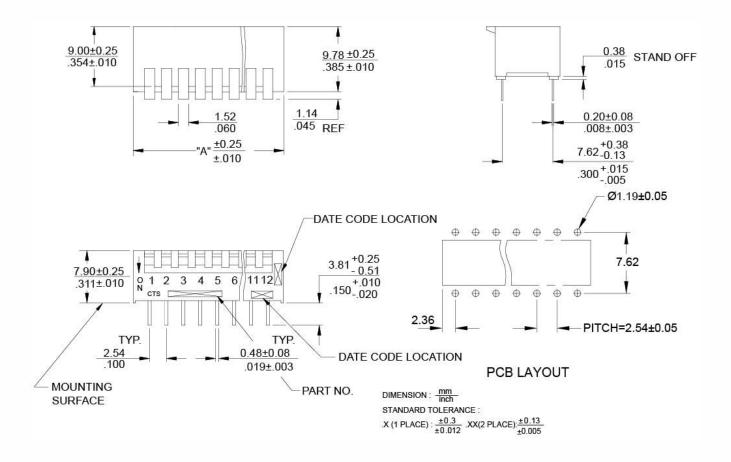
Parameter	Conditions & Remarks	Min	Max	Unit
Circuit	SPST	2	12	position
Contact Resistance	Initial At end of life		100 500	milliohms
Insulation Resistance	Between insulated terminals	1000		megohms
Dielectric Strength	500 VAC between adjacent switches		1	minute
Switch Capacitance	Between adjacent closed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

2020-6-18 Rev. B

www.ctscorp.com

Page 3 of 3

©2020 CTS® Corporation. Information/product(s) subject to change. No warranty that product(s) will meet the stated specifications for customer specific applications or test equipment. Visit www.ctscorp.com for list of applicable patent(s), more information, or to request a quote.