



Electrical Specifications

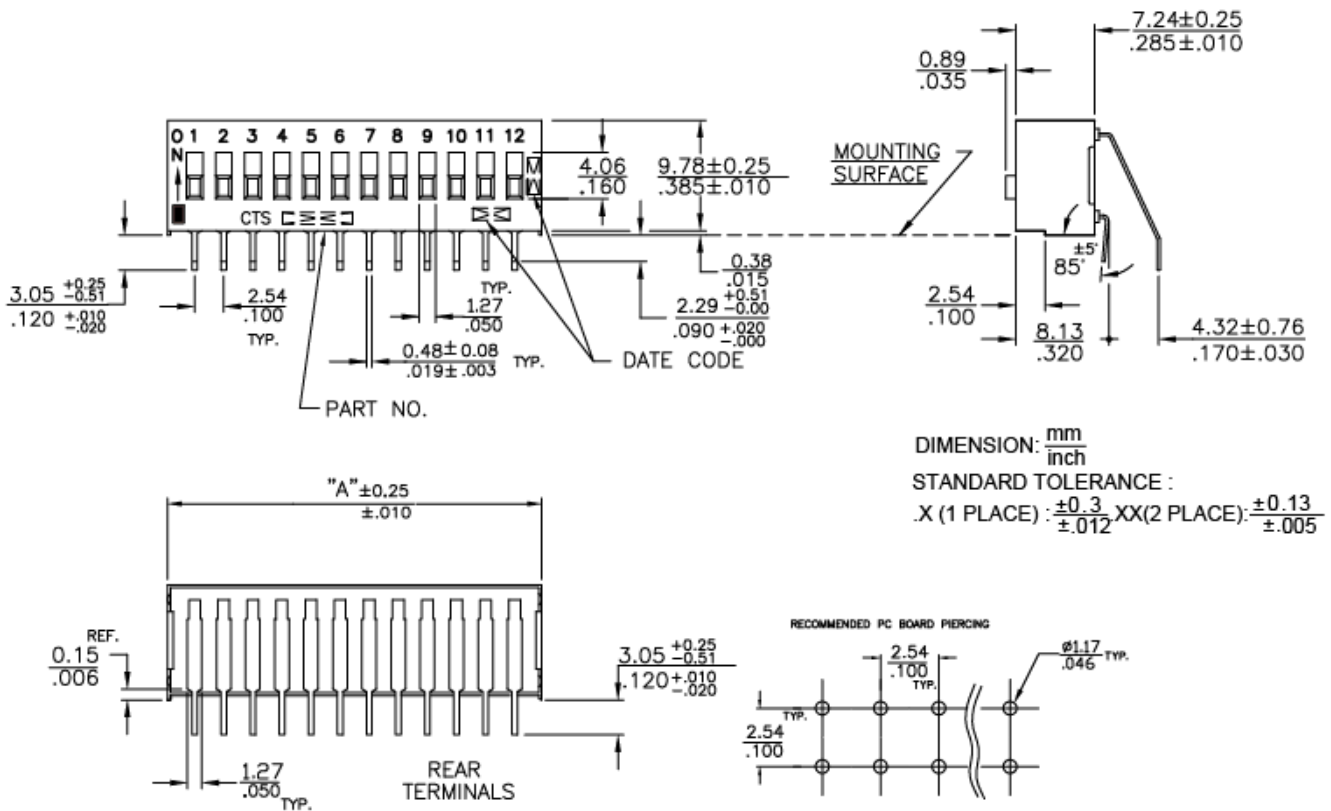
Parameter	Conditions & Remarks	Min	Max	Unit
Circuit	SPST	2	12	position
Contact Resistance	Initial		50	milliohms
	At end of life		100	
Insulation Resistance	Between insulated terminals	1000		megohms
Dielectric Strength	500 VAC between adjacent switches		1	minute
Switch Capacitance	Between adjacent closed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

Mechanical and Environmental

Actuation Life	2,000 cycles switching 50mA @ 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) 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 no contact inconsistencies greater than 1 microsecond
Seal	Bottom epoxy seal optional Tape seal optional
Marking	Special side or top marking available-consult CTS
Packaging:	Standard anti-static tube packaging
Operating Temperature Range	-55°C to +85°C
Storage Temperature Range	-40°C to +85°C

Mechanical Specifications

Figure 1 – SPST



Standard Part #		
Dimensions	SPST Switches	
"A" Overall (mm/inch)	No of SW positions	SPST P/N
7.26 / .286	2	208-2RA
9.80 / .386	3	208-3RA
12.34 / .486	4	208-4RA
14.88 / .586	5	208-5RA
17.42 / .686	6	208-6RA
19.96 / .786	7	208-7RA
22.50 / .886	8	208-8RA
25.04 / .986	9	208-9RA
27.58 / 1.086	10	208-10RA
32.66 / 1.286	12	208-12RA

Mouser Electronics

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CTS:

208-8RAST