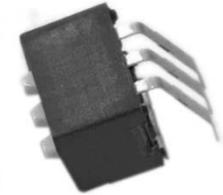
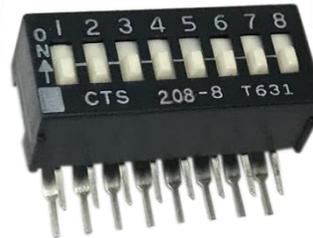




# Series 208RA

## Right Angle Panel DIP Switch

- Designed for panel applications, saves cost of right angle socket
- SPST circuit
- Optional tape seal for board spray washing
- Available with low profile, standard, or extended actuators
- Tin Plated Contacts



### Description

The terminals are molded into the thermoset base and provide an electrostatic discharge shield rating to 22KV when the front row of terminals are connected to ground. The optimized contact design incorporates a dimple-to-flat surface wiping interface for long-term contact corrosion resistance, making the 208 series an ideal economical choice for many applications.

### Ordering Information

Series	Number of Switch Positions	Type of Terminals	Actuator Height	Bottom Epoxy Seal	Top Tape Seal	Actuation Preset																																				
208 -	2	RA	LP	S	T	N																																				
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## 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			or	or
			50	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

