

**MINIATURE SPDT up to 18 GHz**

**R585**

**Connectors**

- 3 : SMA up to 3 GHz
- 4 : SMA up to 18 GHz

**Type (\*)**

- 1 : Failsafe
- 2 : Failsafe + I.C.
- 3 : Latching
- 4 : Latching + I.C.
- 5 : Latching + Self cut off
- 6 : Latching + Self cut off + I.C.
- 7 : Normally open
- 8 : Normally open + I.C.

**Actuator voltage**

- 2 : 12 Volts
- 3 : 28 Volts

**Actuator terminal**

- 0 : With solder Pins

**Options**

- 0 : Without option
- 1 : Polarity common (+) (\*\*)
- 3 : With suppression diodes (\*)
- 4 : With suppression diodes and polarity common (+) (\*\*)

**Option TTL (\*)**

- 0 : Without option
- 1 : With TTL driver
- 2 : Terminated without TTL internal terminations
- 3 : Terminated with TTL internal terminations
- 4 : Terminated without TTL external terminations
- 5 : Terminated with TTL external terminations

I.C. : Indicator contact

(\*) : Cut off and TTL options are already equipped with suppression diode

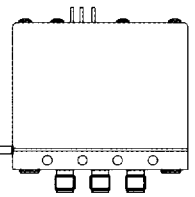
(\*\*) : Self Cut off and TTL driver are not available with this option.

**GENERAL SPECIFICATIONS - RF PERFORMANCES**

Frequency range	GHz	DC - 18			
		DC - 3	3 - 8	8 - 12.4	12.4 - 18
V.S.W.R.		≤ 1.20	≤ 1.30	≤ 1.40	≤ 1.50
Insertion Loss	dB	≤ 0.20	≤ 0.30	≤ 0.40	≤ 0.50
Isolation	dB	≥ 80	≥ 70	≥ 60	≥ 60
Average power at 23°C CW	W	120	80	60	50
Impedance	Ω	50			
Switching sequence		Break before make			

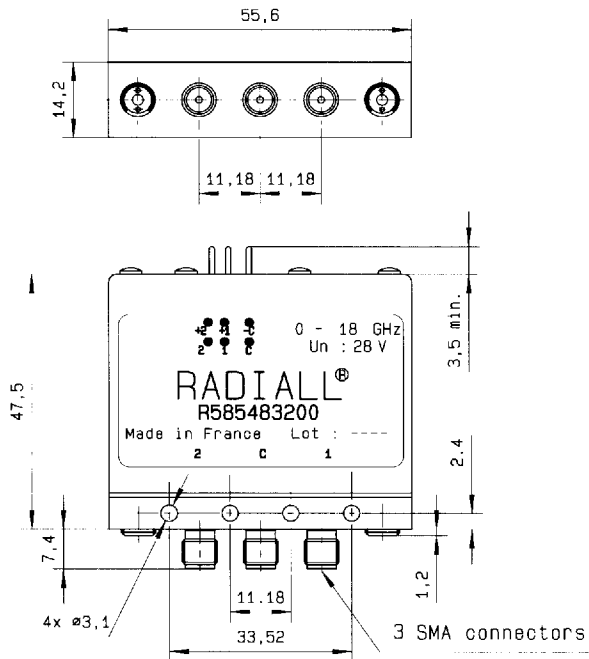
**GENERAL SPECIFICATIONS - ADDITIONAL PERFORMANCES**

Operating mode	Failsafe		Latching		Normally open	
	12	28	12	28	12	28
Actuator voltage	V		V		V	
Operating current nom. at 25°C	500	205	420	160	250	102
Switching time	ms					
Life	2 10 <sup>6</sup>					
Connectors	SMA					
Peak power	kW					
Indicator rating	1 W - 30 V - 100 mA					
Indicator terminals	Solder pins					
Operating temperature range	-40, +75		-40, +85			
Storage temperature range	-55, + 85					

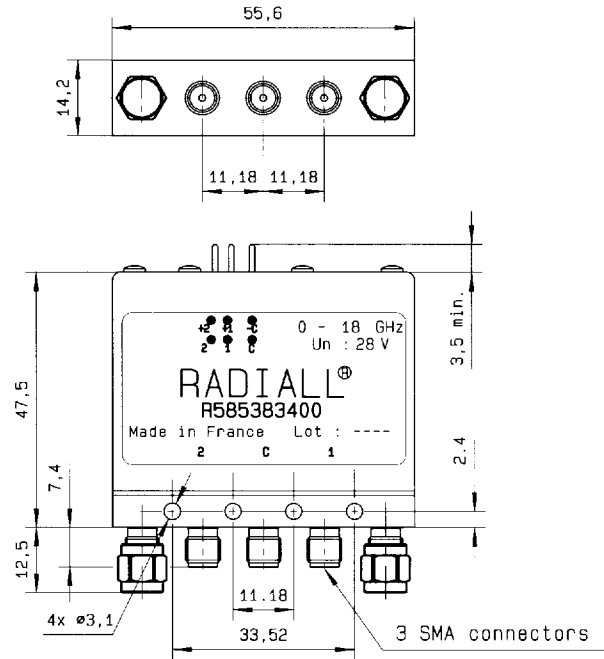


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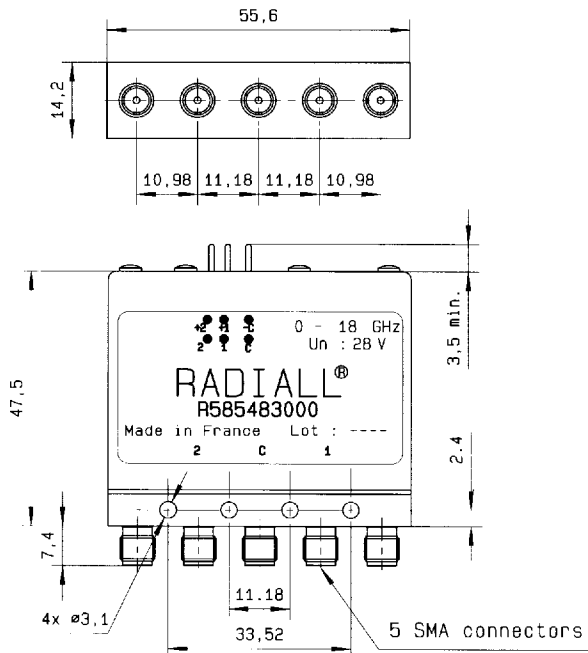
### With internal terminations



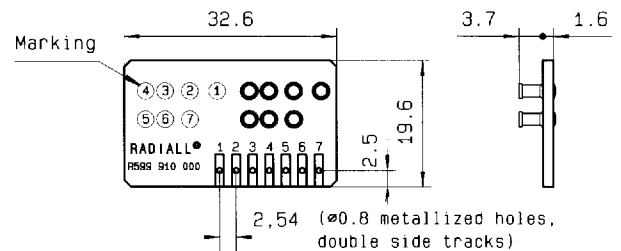
### With external terminations



### DP3T



### PCBIC



General tolerance :  $\pm 0.5$  mm

**POWER CONNECTION :** A printed circuit board interface connector (PCBIC) has been designed for easy mating on actuator solder pins. It can be supplied separately under part number : **R599 910 000.**

Technical data sheets. Please consult our sales representative.

Items in this catalog covered by french and Foreign Patents and/or Patents Pending.