

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

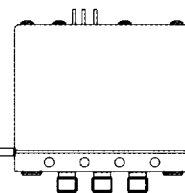
(**) : Self Cut off and TTL driver are not available with this option.

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			

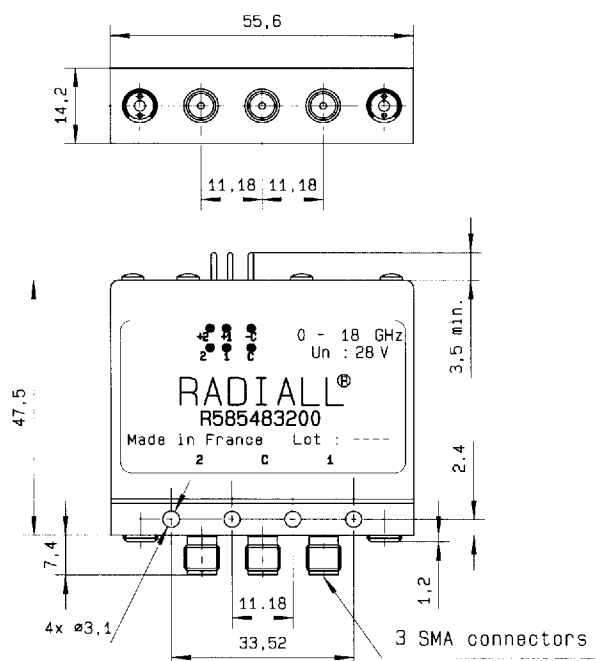
GENERAL SPECIFICATIONS - ADDITIONAL PERFORMANCES

Operating mode	Failsafe		Latching		Normally open	
Actuator voltage <i>V</i>	12	28	12	28	12	28
Operating current nom. at 25°C <i>mA</i>	500	205	420	160	250	102
Switching time <i>ms</i>	10					
Life	2 · 10 ⁶					
Connectors	SMA					
Peak power <i>kW</i>	1.5 (1μs, 1/1000)					
Indicator rating	1 W - 30 V - 100 mA					
Indicator terminals	Solder pins					
Operating temperature range °C	−40, +75		−40, +85			
Storage temperature range °C	−55, + 85					

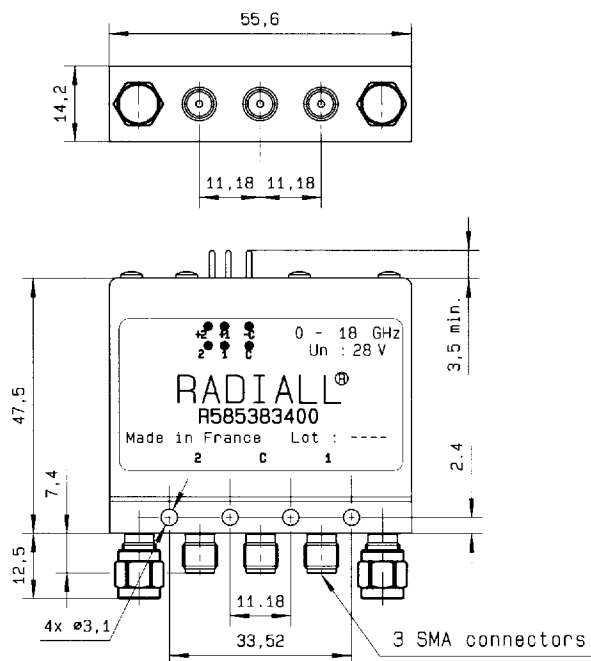


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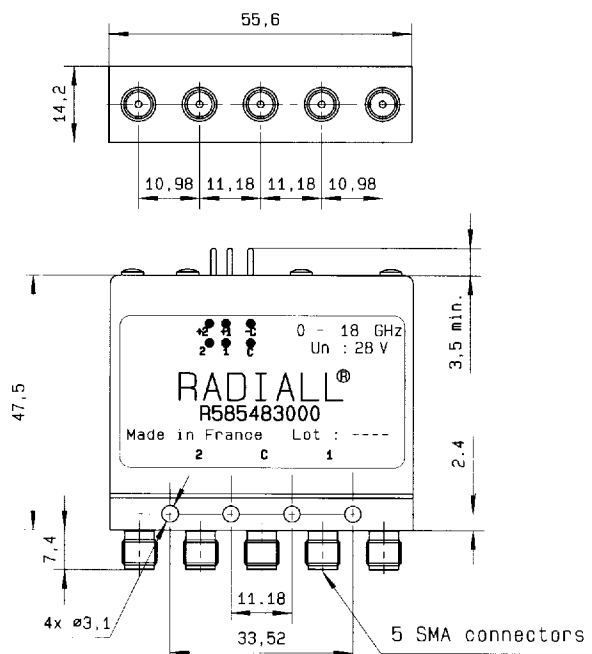
With internal terminations



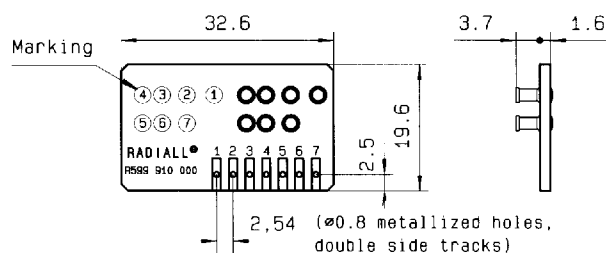
With external terminations



DP3T



PCBIC



General tolerance : ± 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.