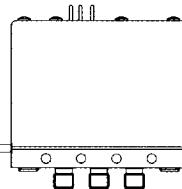


COAXIAL SPDT TERMINATED SWITCHES

SMA



MINIATURE SPDT up to 18 GHz

R585

Connectors 3 : SMA up to 3 GHz 4 : SMA up to 18 GHz				Actuator terminal 0 : With solder Pins
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.				Options 0 : Without option 1 : Polarity common (+) (**) 3 : With suppression diodes (*) 4 : With suppression diodes and polarity common (+) (**)
Actuator voltage 2 : 12 Volts 3 : 28 Volts				Option TTL (*) 0 : Without option 1 : With TTL driver 2 : Terminated without TTL <i>internal terminations</i> 3 : Terminated with TTL <i>internal terminations</i> 4 : Terminated without TTL <i>external terminations</i> 5 : Terminated with TTL <i>external terminations</i>
<i>I.C.</i> : 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

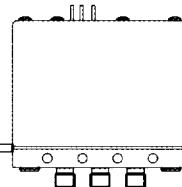
Frequency range	GHz	DC - 18			
		DC - 3	3 - 8	8 - 12.4	12.4 - 18
V.S.W.R.		≤ 1.20	≤ 1.30	≤ 1.40	≤ 1.50
Insertion Loss	dB	≤ 0.20	≤ 0.30	≤ 0.40	≤ 0.50
Isolation	dB	≥ 80	≥ 70	≥ 60	≥ 60
Average power at 23°C CW	W	120	80	60	50
Impedance	Ω			50	
Switching sequence				Break before make	

GENERAL SPECIFICATIONS - ADDITIONAL PERFORMANCES

Operating mode	Failsafe		Latching		Normally open	
Actuator voltage	V	12	28	12	28	12
Operating current nom. at 25°C mA		500	205	420	160	250
Switching time	ms			10		
Life				2 10 ⁶		
Connectors				SMA		
Peak power	kW			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		

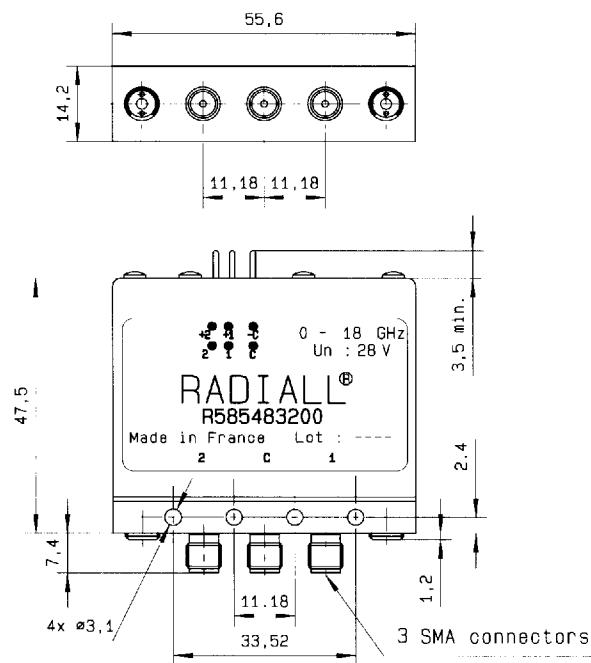
COAXIAL SPDT TERMINATED SWITCHES

SMA

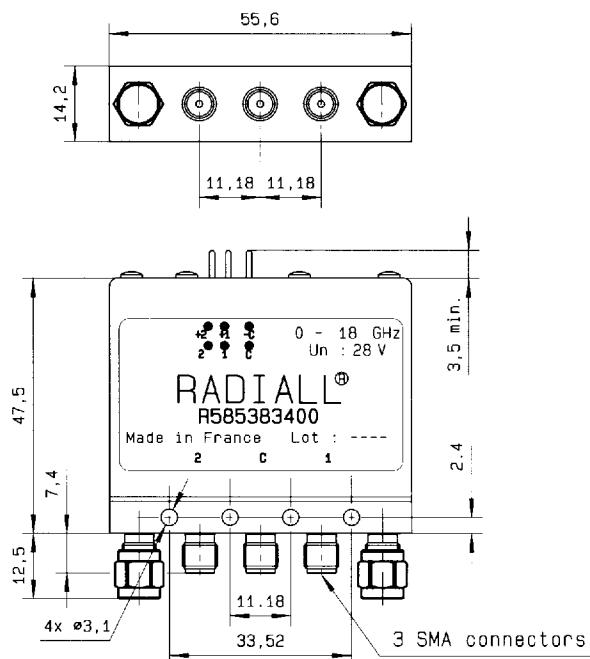


MINIATURE SPDT up to 18 GHz

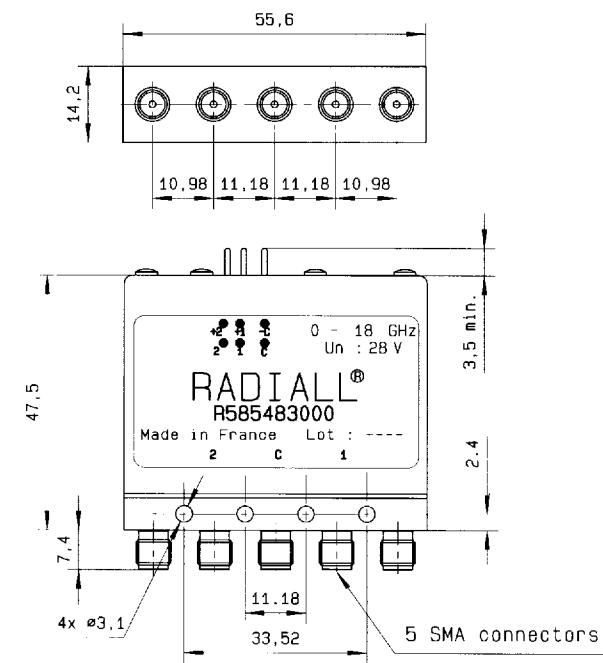
With internal terminations



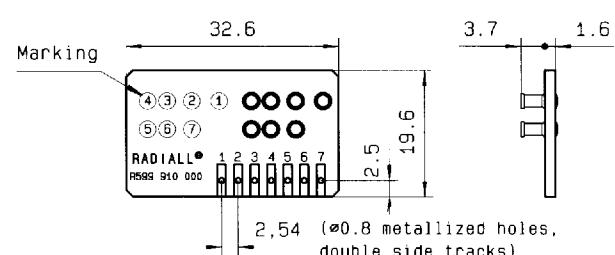
With external terminations



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.



RADIALL®

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Radiall:

[R585483000](#) [R585383000](#) [R585463000](#)