Technical Data Sheet



SPDT Ramses SMA 18GHz Failsafe Indicators 28Vdc Pins Terminals

PAGE 1/2 ISSUE 22-03-22 SERIE : SPDT PART NUMBER : R570423000

RF CHARACTERISTICS

Frequency range : 0 - 18 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18
VSWR max	1.10	1.20	1.20	1.40
Insertion loss max	0.15 dB	0.20 dB	0.25 dB	0.35 dB
Isolation min	80 dB	75 dB	65 dB	60 dB
Average power (*)	240 W	150 W	120 W	100 W

ELECTRICAL CHARACTERISTICS

Actuator : FAILSAFE
Nominal current ** : 102 mA

Actuator voltage (Vcc) : 28V (24 to 30V)

Terminals : solder pins (250°C max. / 30 sec.)

Indicator rating : 1 W / 30 V / 100 mA

MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012

Life : 10 million cycles

Switching Time*** : < 10 msConstruction : Splashproof
Weight : < 45 g

ENVIRONMENTAL CHARACTERISTICS

Operating temperature range : -40°C to +85°C
Storage temperature range : -55°C to +85°C

(* Average power at 25°C per RF Path)

(** At 25° C ±10%)

(*** Nominal voltage; 25° C)

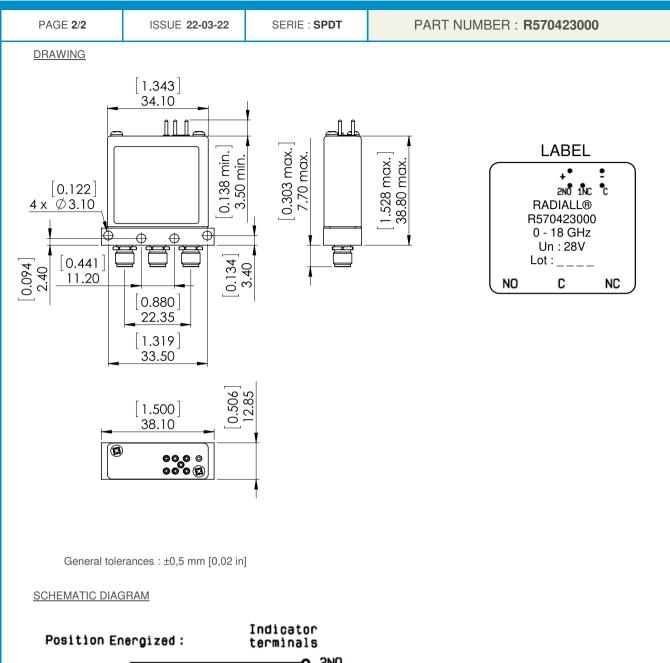


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Position Energized:		terminals	
			2N0
			1NC
NC 0-0 1	Actuator		С
. ⊶ ⊢	7 8		-
NO O	—		+
RF input		wer inperminals	

Voltage	RF Continuity	Ind.
De-energized	$C \leftrightarrow NC$	C.1NC
energized	$C \leftrightarrow NO$	C.2NO