Technical Data Sheet



SP6T Ramses SMA2.9 40GHz Normally open 12Vdc Positive common Diodes Pins Terminals

PAGE 1/2 ISSUE 09-04-19 SERIE : SPnT PART NUMBER : R573802640

RF CHARACTERISTICS

Number of ways : 6

Frequency range : 0 - 40 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 6	6 - 12.4	12.4 - 18	18 - 26.5	26.5 - 40
VSWR max	1.30	1.40	1.50	1.70	2.20
Insertion loss max	0.20 dB	0.40 dB	0.50 dB	0.70 dB	1.10 dB
Isolation min	70 dB	60 dB	60 dB	55 dB	50 dB
Average power (*)	40 W	30 W	25 W	15 W	5 W

ELECTRICAL CHARACTERISTICS

Actuator : NORMALLY OPEN

Nominal current ** : 250 mA

Actuator voltage (Vcc) : 12V (10.2 to 13V) / POSITIVE COMMON Terminals : solder pins (250°C max. / 30 sec.)

MECHANICAL CHARACTERISTICS

Connectors : SMA 2.9 female per MIL-C 39012
Life : 2 million cycles per position

Switching Time*** : <15 ms

Construction : Splashproof

Weight : <180 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)



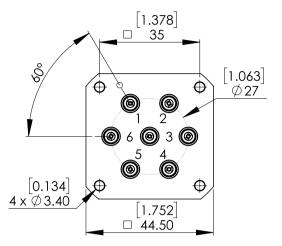




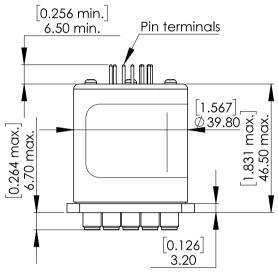
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PAGE 2/2 ISSUE 09-04-19 SERIE : SPNT PART NUMBER : R573802640

DRAWING



Voltage	RF Continuity		
+C -1	$IN \leftrightarrow 1$		
+C -2	$IN \leftrightarrow 2$		
+C -3	$IN \leftrightarrow 3$		
+C -4	$IN \leftrightarrow 4$		
+C -5	IN ↔ 5		
+C -6	$IN \leftrightarrow 6$		

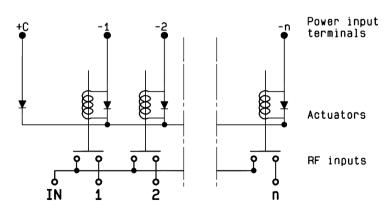


LABEL RADIALL® R573802640 0 - 40 GHz Un : 12V Lot : ____



General tolerances: ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM



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