Technical Data Sheet



SP6T Ramses SMA2.9 40GHz Normally open 28Vdc Pins Terminals

PAGE 1/2 ISSUE 09-04-19 SERIE : SPnT PART NUMBER : R573803600

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 ** : 102 mA

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



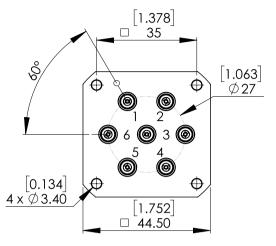
Technical Data Sheet



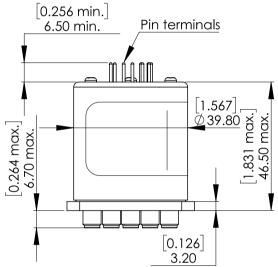
SP6T Ramses SMA2.9 40GHz Normally open 28Vdc Pins Terminals

PAGE 2/2 ISSUE 09-04-19 SERIE : SPnT PART NUMBER : R573803600

DRAWING



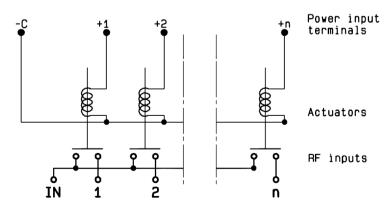
Voltage	RF Continuity		
-C +1	$IN \leftrightarrow 1$		
-C +2	$IN \leftrightarrow 2$		
-C +3	$IN \leftrightarrow 3$		
-C +4	$IN \leftrightarrow 4$		
-C +5	IN ↔ 5		
-C +6	IN ↔ 6		



LABEL RADIALL® R573803600 0 - 40 GHz Un : 28V Lot : _____

General tolerances: ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM



This document contains proprietary information and such information shall not be disclosed to any third party for any purpose whatsoever or used for manufacturing purposes without prior written agreement from Radiall. The data defined in this document are given as an indication, in the effort to improve our products; we reserve the right to make any changes judged necessary.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Coaxial Switches category:

Click to view products by Radiall manufacturer:

Other Similar products are found below:

CR-53S10 R599311000 R599906000 R599910000 CCT-38S150-T CR-58S160 MS180LH3-HRMJ-040V300A R599312000 R512F73417
R514F73417 R595333210 R595F53225 R591363400 R595433410 R595333215 R595337220 R595343115 R595343125 R591362440
R593373148 R595343215 CCR-33K40 R595357325 CCS-18N480-TDS R591702640 R591763600 CR-33K10 R599313000 R516431100
R591722605 ARD15105 MS156LH1-HRMJ-088V300A R570412000 R570412100 R570413000 R570422100 R570423000 R570432000
R570433000 R570442000 R570442100 R570412030 R570432010 R570433100 R570443030 R570463100 R570442010
R570413030 R570452000