# **Technical Data Sheet**



SP6T Terminated Ramses SMA 3GHz Latching Self-cut-off Auto-reset 28Vdc Diodes Pins Terminals

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#### RF CHARACTERISTICS

Number of ways : 6

Frequency range : 0 - 3 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3
VSWR max	1,20
Insertion loss max	0.20 dB
Isolation min	80 dB
Average power (*)	240 W

TERMINATION IMPEDANCE : 50 Ohms

TERM. AVG. POWER AT 25° C : 1 W per termination / 3 W total power

### **ELECTRICAL CHARACTERISTICS**

Actuator : LATCHING
Nominal current \*\* : 375 mA

Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON Terminals : solder pins (250°C max. / 30 sec.)

Self cut-off time : 40 ms < CT < 120 ms

### MECHANICAL CHARACTERISTICS

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

Switching Time\*\*\* : < 40 msConstruction : Splashproof
Weight : < 250 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 **22-03-22** SERIE: SPnT PART NUMBER: **R574383600 DRAWING** 6 x M3 depth 4 [1.500] Ø38.10 Voltage RF Continuity -C +1  $IN \leftrightarrow \mathbf{1}$ -C +2  $IN \leftrightarrow 2$  $IN \leftrightarrow 3$ -C +3 -C +4  $IN \leftrightarrow 4$ [1.760] Ø 44.70  $\text{IN} \leftrightarrow 5$ -C +5 -C +6  $IN \leftrightarrow 6\,$ [0.256 min.] 6.50 min. Pin terminals LABEL **RADIALL®** [2.185 max.] 55.50 max. R574383600 0 - 3 GHz [0.303 max.] 7.70 max. Un: 28V Lot : \_ \_ \_ \_ BOTTOM VIEW 2 1 2.244  $\emptyset$  57 General tolerances: ±0,5 mm [0,02 in] **SCHEMATIC DIAGRAM** Power input terminals CUT-OFF / AUTO-RESET Actuators

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RF inputs

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