Technical Data Sheet



SP12T Terminated Ramses SMA 3GHz Latching 28Vdc Positive common

Diodes D-sub connector

PAGE 1/2 ISSUE 22-12-22 SERIE : SPnT PART NUMBER : R574323245

RF CHARACTERISTICS

Number of ways : 12

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 ** : 125 mA / RESET : 1500 mA ****

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

Terminals : 44 pins D-SUB male connector

MECHANICAL CHARACTERISTICS

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

Switching Time*** : < 15 msConstruction : Splashproof
Weight : < 400 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)

(**** Reset : supply voltage time 1sec. max. / duty cycle 10%)



Technical Data Sheet

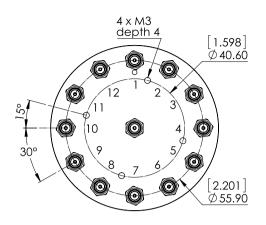


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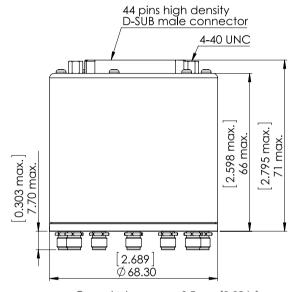
Diodes D-sub connector

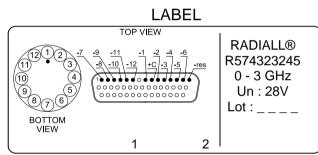
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DRAWING



Voltage	RF Continuity
+C -RESET	All ports open
+C -1	$IN \leftrightarrow 1$
+C -2	$IN \leftrightarrow 2$
+C -3	$IN \leftrightarrow 3$
+C -4	$IN \leftrightarrow 4$
+C -5	$IN \leftrightarrow 5$
+C -6	$IN \leftrightarrow 6$
+C -7	$IN \leftrightarrow 7$
+C -8	IN ↔ 8
+C -9	IN ↔ 9
+C -10	IN ↔ 10
+C -11	IN ↔ 11
+C -12	IN ↔ 12

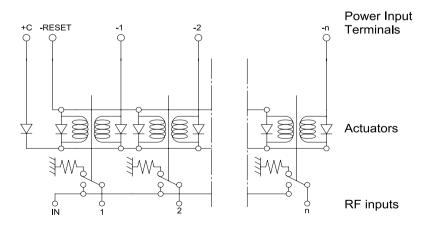






General tolerances: ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM



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