Technical Data Sheet



SP6T Ramses SMA2.9 40GHz Latching Self-cut-off Auto-reset 28Vdc Diodes D-sub connector

ISSUE 06-02-18 SERIE : SPnT PART NUMBER : R573883605

RF CHARACTERISTICS

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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 : LATCHING
Nominal current ** : 375 mA

Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON
Terminals : 25 pins D-SUB male connector

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

MECHANICAL CHARACTERISTICS

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

Switching Time*** : < 40 msConstruction : Splashproof
Weight : < 220 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)



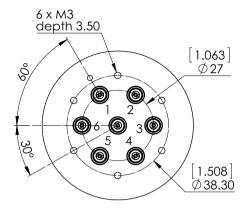




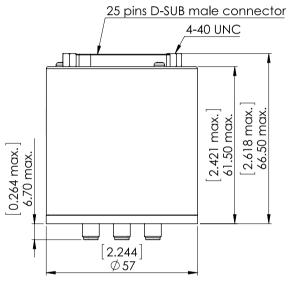
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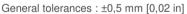
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DRAWING



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		



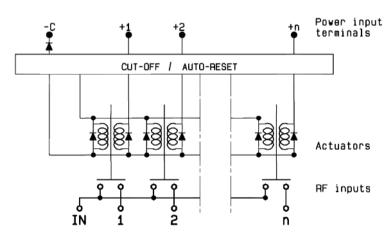


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SCHEMATIC DIAGRAM



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