Technical Data Sheet



SP6T Ramses SMA2.9 40GHz Latching Indicators 12Vdc Positive common D-sub connector

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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 : LATCHING

Nominal current ** : 320 mA / RESET : 1920 mA ****

Actuator voltage (Vcc) : 12V (10.2 to 13V) / POSITIVE COMMON

Terminals : 25 pins D-SUB male connector

Indicator rating : 1 W / 30 V / 100 mA

MECHANICAL CHARACTERISTICS

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

Switching Time*** : <15 ms

Construction : 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)

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



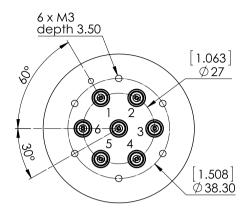




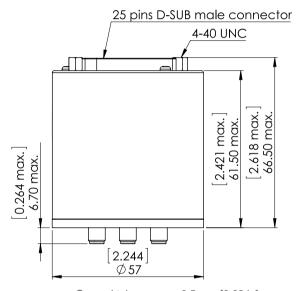
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DRAWING



Voltage	RF Continuity	Ind.
+C -RESET	All ports open	
+C -1	IN ↔ 1	D.E
+C -2	$IN \leftrightarrow 2$	D.F
+C -3	IN ↔ 3	D.G
+C -4	IN ↔ 4	D.H
+C -5	IN ↔ 5	D.I
+C -6	$IN \leftrightarrow 6$	D.J



RADIALL® R573832615 0 - 40 GHz

LABEL

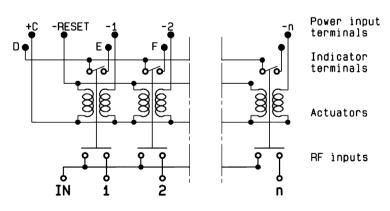
BOTTOM (1 2) VIEW (6 3) 5 4

TOP VIEW

> Un : 12V Lot : _ _ _ _

General tolerances : ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM



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