Technical Data Sheet



SP4T Ramses SMA2.9 40GHz Normally open Indicators 28Vdc Positive common D-sub connector

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RF CHARACTERISTICS

Number of ways : 4

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	1.95
Insertion loss max	0.20 dB	0.40 dB	0.50 dB	0.70 dB	1.00 dB
Isolation min	80 dB	70 dB	70 dB	60 dB	55 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) / 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 : 7 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)



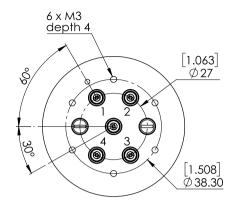




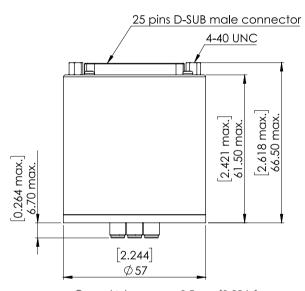
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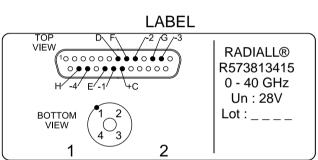
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DRAWING



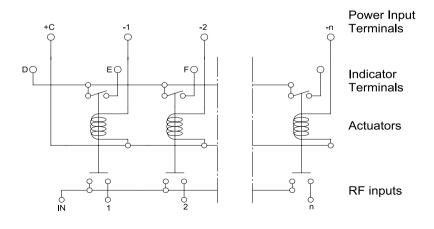
Voltage	RF Continuity	Ind.
+C -1	$IN \leftrightarrow 1$	D.E
+C -2	$IN \leftrightarrow 2$	D.F
+C -3	$IN \leftrightarrow 3$	D.G
+C -4	$IN \leftrightarrow 4$	D.H





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

SCHEMATIC DIAGRAM



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