Technical Data Sheet



SP4T Terminated Ramses 2.4mm 50GHz Normally open 28Vdc Positive common Pins Terminals

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RF CHARACTERISTICS

Number of ways : 4

Frequency range : 0 - 50 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 6	6 - 12.4	12.4 - 18	18 - 26.5	26.5 - 40	40 - 50
VSWR max	1.30	1.40	1.50	1.70	1.90	2.20
Insertion loss max	0.20 dB	0.40 dB	0.50 dB	0.70 dB	0.90 dB	1.20 dB
Isolation min	70 dB	60 dB	60 dB	55 dB	50 dB	50 dB
Average power (*)	40 W	30 W	25 W	15 W	5 W	3 W

TERMINATION IMPEDANCE : 50 Ohms

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

ELECTRICAL CHARACTERISTICS

Actuator : NORMALLY OPEN

Nominal current ** : 102 mA

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

MECHANICAL CHARACTERISTICS

Connectors : 2.4mm female (Accoding to IEEE STD 287)

Life : 2 million cycles per position

Switching Time*** : < 15 msConstruction : Splashproof
Weight : < 250 g

ENVIRONMENTAL CHARACTERISTICS

Operating temperature range : -25°C to +70°C Storage temperature range : -40°C to +85°C

(* Average power at 25°C per RF Path)

(** At 25° C ±10%)

(*** Nominal voltage; 25° C)



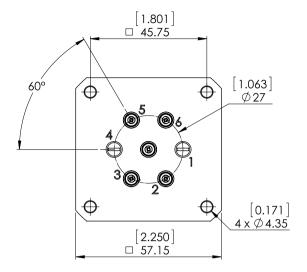




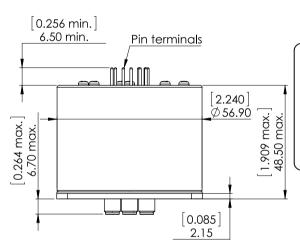
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DRAWING



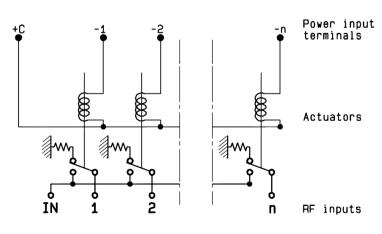
Voltage	RF Continuity			
+C -2	$IN \leftrightarrow 2$			
+C -3	$IN \leftrightarrow 3$			
+C -5	$IN \leftrightarrow 5$			
+C -6	$IN \leftrightarrow 6$			

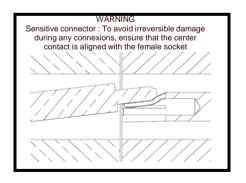


TOP VIEW 5 6 8 PADIALL® R574J03410 0 - 50 GHz Un : 28V Lot : _ _ _ _

General tolerances: ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM





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