Technical Data Sheet



SP6T Terminated Ramses SMA 18GHz Square Flange Normally open Indicators 28Vdc Positive common Pins Terminals

PAGE 1/2 ISSUE 25-11-22 SERIE : SPnT PART NUMBER : R574G13610

RF CHARACTERISTICS

Number of ways : 6

Frequency range : 0 - 18 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18
VSWR max	1,20	1,30	1,40	1,50
Insertion loss max	0.20 dB	0.30 dB	0.40 dB	0.50 dB
Isolation min	80 dB	70 dB	60 dB	60 dB
Average power (*)	240 W	150 W	120 W	100 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.)

Indicator rating : 1 W / 30 V / 100 mA

MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012 Life : 3 million cycles per position

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



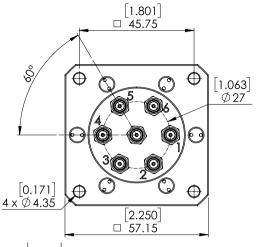




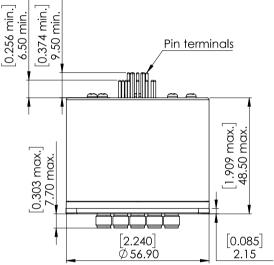
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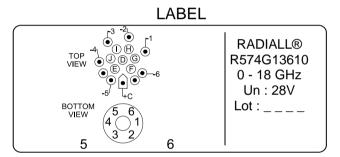
DRAWING



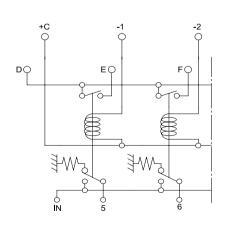
Voltage	RF Continuity	Ind.
+C -1	$IN \leftrightarrow 1$	D.G
+C -2	$IN \leftrightarrow 2$	D.H
+C -3	$IN \leftrightarrow 3$	D.I
+C -4	$IN \leftrightarrow 4$	D.J
+C -5	IN ↔ 5	D.E
+C -6	IN ↔ 6	D.F

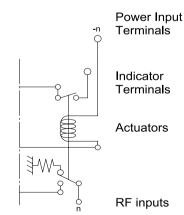


General tolerances: ±0,5 mm [0,02 in]



SCHEMATIC DIAGRAM





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