Technical Data Sheet



SP4T Terminated Ramses N 3GHz Latching Indicators 12Vdc D-sub connector

PAGE 1/2 ISSUE 22-03-22 SERIE: SPnT PART NUMBER: R574032405

RF CHARACTERISTICS

Number of ways : 4

Frequency range : 0 - 3 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3
VSWR max	1.20
Insertion loss max	0.20 dB
Isolation min	80 dB
Average power (*)	400 W

TERMINATION IMPEDANCE : 50 Ohms

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

ELECTRICAL CHARACTERISTICS

Actuator : LATCHING

Nominal current ** : 320 mA / RESET : 1280 mA ****

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

Terminals : 25 pins D-SUB male connector

Indicator rating : 1 W / 30 V / 100 mA

MECHANICAL CHARACTERISTICS

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

Switching Time*** : < 15 msConstruction : Splashproof
Weight : < 460 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%)



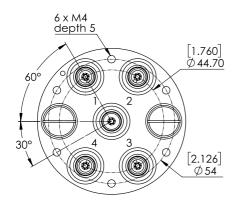
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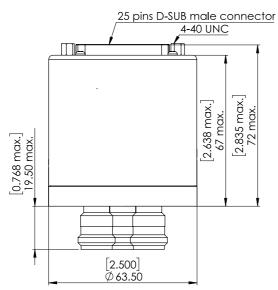
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PAGE 2/2 ISSUE 22-03-22 SERIE : SPnT PART NUMBER : R574032405

DRAWING



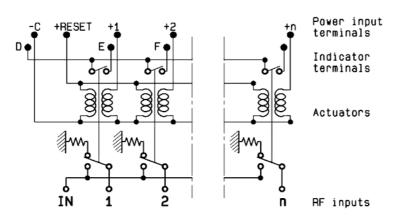
Voltage	RF Continuity	Ind.
-C +RESET	All ports open	
-C +1	IN ↔ 1	D.E
-C +2	$IN \leftrightarrow 2$	D.F
-C +3	$IN \leftrightarrow 3$	D.G
-C +4	$IN \leftrightarrow 4$	D.H



LABEL

General tolerances: ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM



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