Technical Data Sheet



SP6T Terminated Ramses SMA 3GHz Latching Self-cut-off Auto-reset Indicators 12Vdc Diodes D-sub connector

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RF CHARACTERISTICS

Number of ways : 6

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 (*)	240 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 ** : 960 mA

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

Terminals : 25 pins D-SUB male connector

 $\begin{array}{ll} \text{Indicator rating} & : \ 1 \ \text{W} \ / \ 30 \ \text{V} \ / \ 100 \ \text{mA} \\ \text{Self cut-off time} & : \ 40 \ \text{ms} < \text{CT} < 120 \ \text{ms} \\ \end{array}$

MECHANICAL CHARACTERISTICS

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

Switching Time*** : < 40 ms Construction : 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)



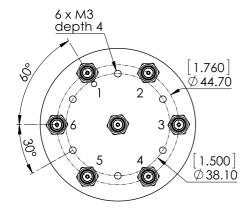




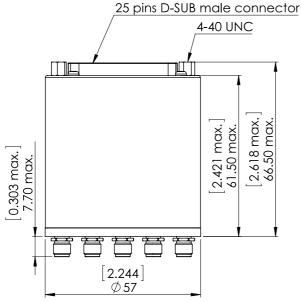
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DRAWING

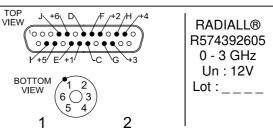


Voltage	RF Continuity	Ind.
-C +1	$IN \leftrightarrow 1$	D.E
-C +2	$IN \leftrightarrow 2$	D.F
-C +3	$IN \leftrightarrow 3$	D.G
-C +4	$IN \leftrightarrow 4$	D.H
-C +5	IN ↔ 5	D.I
-C +6	IN ↔ 6	D.J



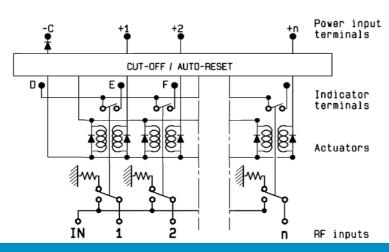
General tolerances: ±0,5 mm [0,02 in]

LABEL





SCHEMATIC DIAGRAM



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