Technical Data Sheet



SP6T Ramses SMA 3GHz Latching Indicators 12Vdc Pins Terminals

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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 |

ELECTRICAL CHARACTERISTICS

Actuator : LATCHING

Nominal current ** : 320 mA / RESET : 1920 mA ****

Actuator voltage (Vcc) : 12V (10.2 to 13V) / NEGATIVE 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 : 5 million cycles per position

Switching Time*** : <15 ms

Construction : Splashproof

Weight : <180 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%)



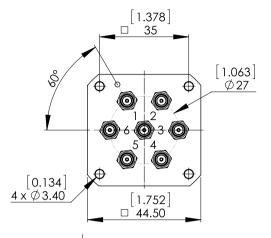
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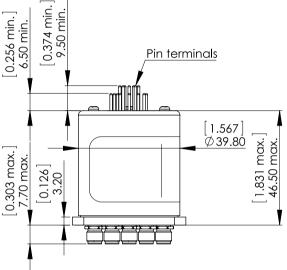
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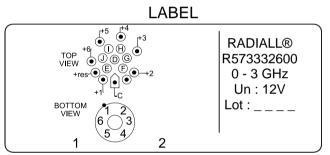
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DRAWING



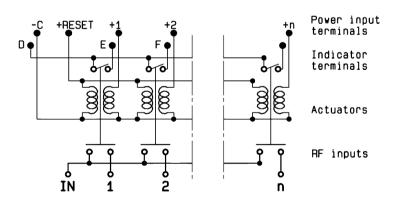
| Voltage | RF Continuity | Ind. |
|-----------|------------------------|------|
| -C +RESET | All ports open | |
| -C +1 | $IN \leftrightarrow 1$ | D.E |
| -C +2 | $IN \leftrightarrow 2$ | D.F |
| -C +3 | $IN \leftrightarrow 3$ | D.G |
| -C +4 | $IN \leftrightarrow 4$ | D.H |
| -C +5 | IN ↔ 5 | D.I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





General tolerances: ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM



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