Technical Data Sheet



SPDT Ramses 2.4mm 50GHz Latching 12Vdc Positive common Pins Terminals

PAGE 1/2 ISSUE 10-07-19 SERIE : SPDT PART NUMBER : R570J32010

RF CHARACTERISTICS

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 | 1.90 |
| Insertion loss max | 0.30 dB | 0.40 dB | 0.50 dB | 0.70 dB | 0.80 dB | 1.10 dB |
| Isolation min | 70 dB | 60 dB | 60 dB | 55 dB | 50 dB | 50 dB |
| Average power (*) | 80 W | 60 W | 50 W | 20 W | 10 W | 5 W |

ELECTRICAL CHARACTERISTICS

Actuator : LATCHING
Nominal current ** : 210 mA

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

Switching Time*** : < 10 ms

Construction : Splashproof

Weight : < 45 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)

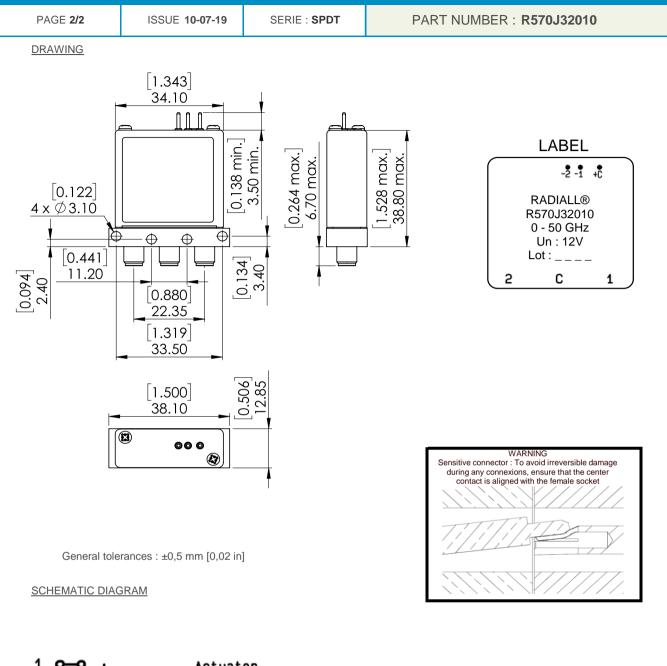


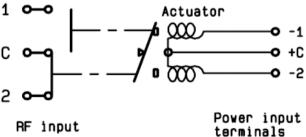
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| Voltage | RF Continuity | | |
|---------|-----------------------|--|--|
| +C -1 | $C \leftrightarrow 1$ | | |
| +C -2 | $C \leftrightarrow 2$ | | |