# **Technical Data Sheet**



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

PAGE 1/2 ISSUE 22-03-22 SERIE : SPDT PART NUMBER : R570J32040

## 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)

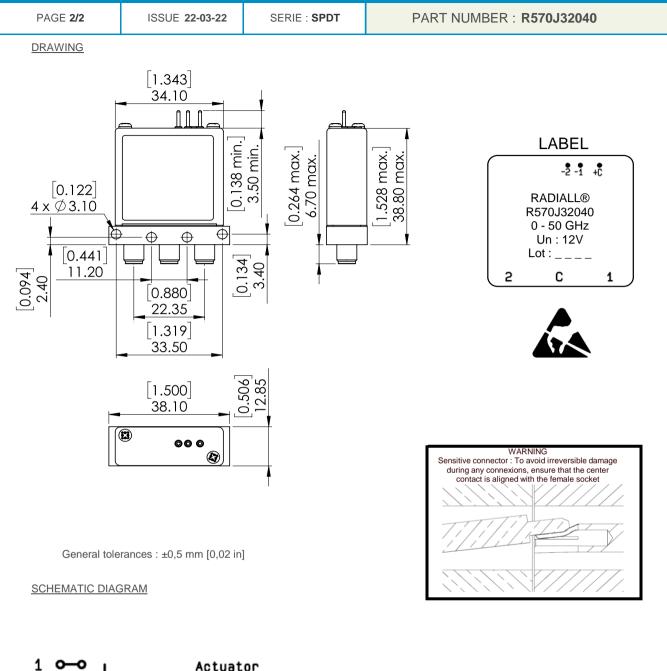


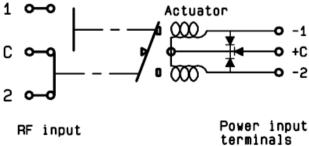
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Voltage	RF Continuity		
+C -1	$C \leftrightarrow 1$		
+C -2	$C \leftrightarrow 2$		