RF CHARACTERISTICS

Number of ways	: **4**
Frequency range	: **0 - 18 GHz**
Impedance	: **50 Ohms**

Frequency (GHz)	**DC - 3**	**3 - 8**	**8 - 12.4**	**12.4 - 18**
VSWR max	**1.20**	**1.30**	**1.40**	**1.50**
Insertion loss max	**0.20 dB**	**0.30 dB**	**0.40 dB**	**0.50 dB**
Isolation min	**80 dB**	**70 dB**	**60 dB**	**60 dB**
Average power (*)	**240 W**	**150 W**	**120 W**	**100 W**

	Passive intermodulation
Tone 1	1810 MHz, approximately 43 dBm
Tone 2	1850 MHz, approximately 43 dBm
3rd order PIM	- 160 dBc at 1770 MHz

Depending on application, carrier powers and frequencies, PIM measurements can vary.
PIM testing is not measured during product acceptance test.

ELECTRICAL CHARACTERISTICS

Actuator	: **LATCHING**
Nominal current **	: **125 mA / RESET : 500 mA ******
Actuator voltage (Vcc)	: **28V (24 to 30V) / NEGATIVE COMMON**
Terminals	: **solder pins (250°C max. / 30 sec.)**

MECHANICAL CHARACTERISTICS

Connectors*****	: **SMA female per MIL-C 39012**
Life	: **2 million cycles per position**
Switching Time***	: **< 15 ms**
Construction	: **Splashproof**
Weight	: **< 180 g**

ENVIRONMENTAL CHARACTERISTICS

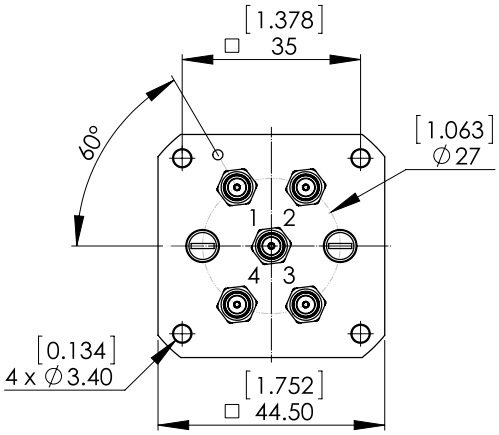
Operating temperature range	: **-25°C to +70°C**
Storage temperature range	: **-55°C to +85°C**

(* Average power at 25°C per RF Path)
(** At 25° C ±10%)
(*** Nominal voltage ; 25° C)
(***** Recommended mating torque: 80-120 N.cm)

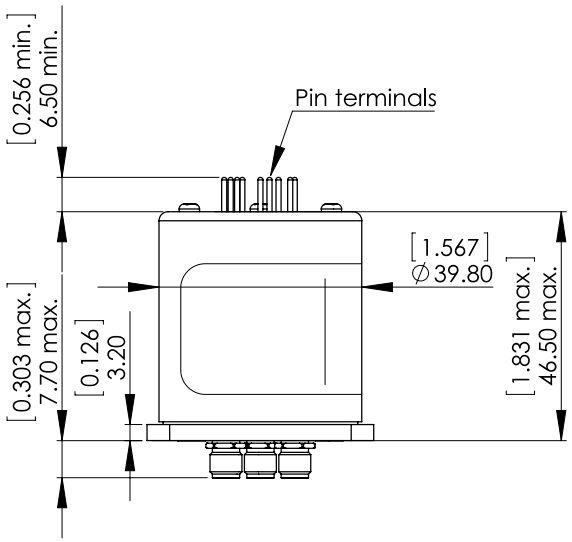
RoHS COMPLIANT

PAGE **2/2**	ISSUE **06-02-18**	SERIE : **SPnT**	PART NUMBER : **R573423400LP**

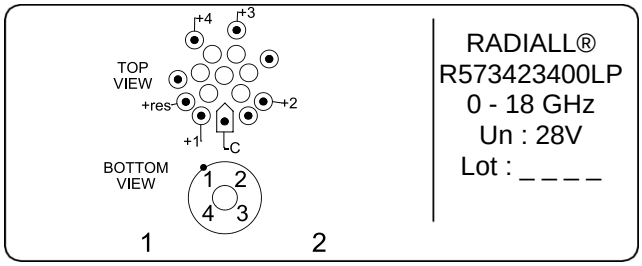
DRAWING



Voltage	RF Continuity
-C +RESET	All ports open
-C +1	IN ↔ 1
-C +2	IN ↔ 2
-C +3	IN ↔ 3
-C +4	IN ↔ 4

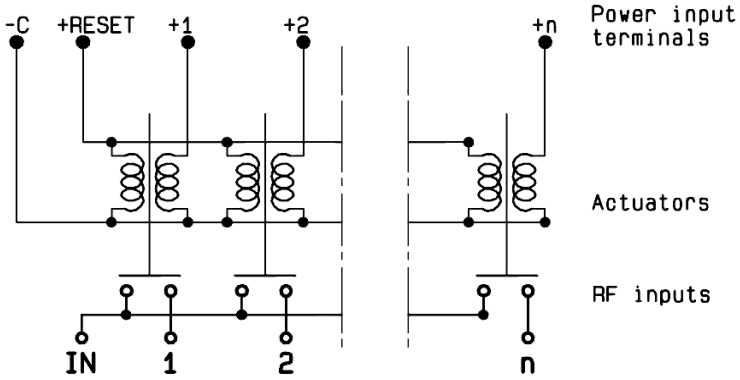


LABEL



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

SCHEMATIC DIAGRAM



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Radiall:
R573423400LP