

Technical Data Sheet

SP6T Ramses SMA 18GHz Normally open 28Vdc BCD TTL Diodes Pins Terminals

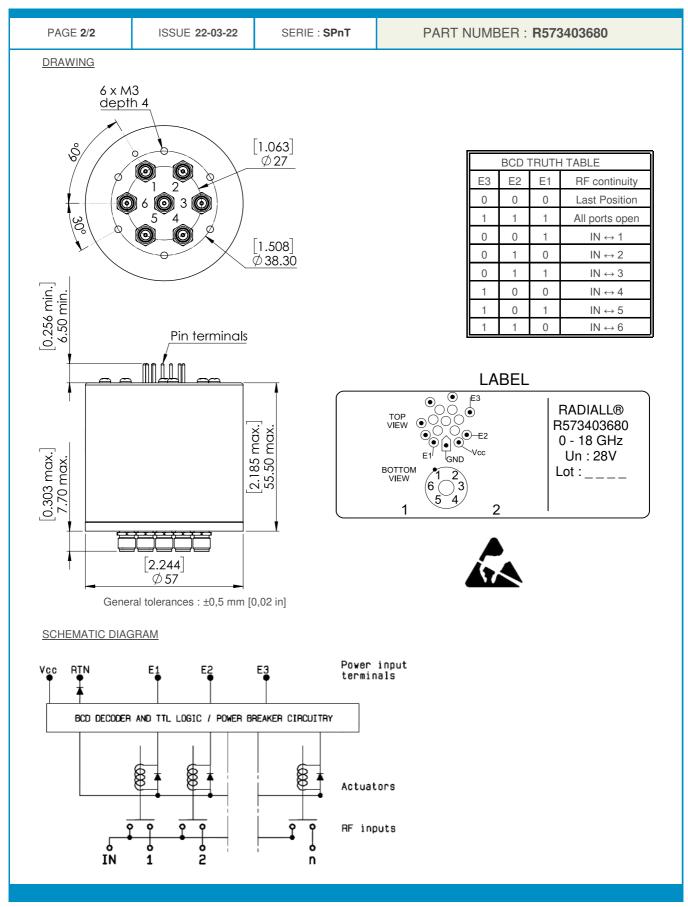
BY CHARACTERISTICS Number of ways : 6 Frequency range : 0 - 18 GHz Impedance : 50 Ohms Strangency (GHz) DC - 3 3 - 8 8 - 12.4 12.4 - 18 VSWR max 1.20 1.30 1.40 1.50 Insertion loss max 0.20 dB 0.30 dB 0.40 dB 0.50 dB Insertion loss max 0.20 dB 0.30 dB 0.40 dB 0.50 dB Average power (*) 240 W 150 W 100 W Average power (*) 240 W 150 W 100 W ELECTRICAL CHARACTERISTICS Actuator : NORMALLY OPEN Nominal current ** : 102 mA Actuator voltage (Vcc) : 28V (24 to 30%) Terminals : solder pins (25°C max, / 30 sec.) BCD inputs (E) · High level : 3.5 to 5.5 V / 800µA at 0.8 V MECHANICAL CHARACTERISTICS : Low level : 0 to 1.5 V / 20µA at 0.8 V Meight : 40°C to +85°C : 50 million cycles per position Switching Time*** : 415 mS : 50 million cycles per position Weight : 420 °C to +85°C : 55°C to	PAGE 1/2 ISSUE 22-03-22		3-22 SER	IE : SPnT	PART NUMBER : R573403680	
<text> Prequency range 20 0 13 0 14 0 15 0 10 15 0 10 15 0 10 15 0 10 15 0 10 15 0 10 15 0 10 15 0 10 0 10 0 0 0</text>	RF CHARACTERI	<u>STICS</u>				
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Impedance : 50 Ohms Impedance : 150 Ohd 0h						
Image: A start of the second start						
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 ELECTRICAL CHARACTERISTICS Actuator ::::::::::::::::::::::::::::::::::::	impedance					
VSWR max 1.20 1.30 1.40 1.50 Issertion 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	Frequency (GHz) D	C-3 3-8	8 - 12.4	12.4 - 18	
Isolation min 80 dB 70 dB 60 dB 60 dB Average power (*) 240 W 150 W 120 W 100 W ELECTRICAL CHARACTERISTICS Actuator : NORMALLY OPEN Nominal current ** : 102 mA Actuator voltage (Vcc) :: 28V (24 to 30V) Terminals :: solder pins (250°C max. / 30 sec.) BCD inputs (E) - High level :: 3.5 to 5.5 V / 800µA at 5.5 V - Low level : 0 to 1.5 V / 20µA at 0.8 V MECHANICAL CHARACTERISTICS Connectors : SMA female per MIL-C 39012 Life : 5 million cycles per position Switching Time*** : < 15 ms			1.20 1.30	1.40	1.50	
Average power (*) 240 W 150 W 120 W 100 W ELECTRICAL CHARACTERISTICS Actuator : NORMALLY OPEN Nominal current ** : 102 mA Actuator voltage (Vcc) :: 28V (24 to 30V) Terminals : solder pins (250°C max. / 30 sec.) BCD inputs (E) - High level :: 3.5 to 5.5 V / 800µÅ at 5.5 V - Low level :: 0 to 1.5 V / 20µÅ at 0.8 V MECHANICAL CHARACTERISTICS Connectors :: SMA female per MIL-C 39012 Life :: 5 million cycles per position Switching Time*** :: < 15 ms	Insertion los	s max 0.2	20 dB 0.30 dE	0.40 dB	0.50 dB	
ELECTRICAL CHARACTERISTICS Actuator : NORMALLY OPEN Nominal current ** : 102 mA Actuator voltage (Vcc) : 28V (24 to 30V) Terminals : solder pins (250°C max. / 30 sec.) BCD inputs (E) . High level : solder pins (250°C max. / 30 sec.) BCD inputs (E) . High level : solder pins (250°C max. / 30 sec.) BCD inputs (E) . High level : solder pins (250°C max. / 30 sec.) BCD inputs (E) . High level : solder pins (250°C max. / 30 sec.) BCD inputs (E) . High level : solder pins (250°C max. / 30 sec.) BCD inputs (E) . High level : 0 to 1.5 V / 20µA at 0.8 V MECHANICAL CHARACTERISTICS Connectors : SMA female per MIL-C 39012 Life : 5 million cycles per position Switching Time*** : 415 ms Construction : Splashproof Weight : < 220 g	Isolation min				60 dB	
Actuator : NORMALLY OPEN Nominal current ** : 102 mA Actuator voltage (Vcc) : 28V (24 to 30V) Terminals : solder pins (250°C max. / 30 sec.) BCD inputs (E) . High level : 3.5 to 5.5 V / 800µA at 5.5 V . Low level : 0 to 1.5 V / 20µA at 0.8 V MECHANICAL CHARACTERISTICS Connectors : SMA female per MIL-C 39012 Life : 5 million cycles per position Switching Time*** : < 15 ms	Average pov	wer (*) 24	40 W 150 W	120 W	100 W	
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- Low level : 0 to 1.5 V / 20μA at 0.8 V MECHANICAL CHARACTERISTICS Connectors : SMA female per MIL-C 39012 Life : 5 million cycles per position Switching Time*** : < 15 ms				solder pins	(250°C max. /	30 sec.)
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Connectors : SMA female per MIL-C 39012 Life : 5 million cycles per position Switching Time*** : < 15 ms		- Low level		: 0 to 1.5 V /	20µA at 0.8 V	
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%)	Life Switching Time***			∴ 5 million cycles per position ∴ < 15 ms		
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%)	Weight		∶ < 220 g			
Storage temperature range : -55°C to +85°C (* Average power at 25°C per RF Path) (** At 25° C ±10%)	ENVIRONMENTA	L CHARACTERIS	TICS			
Storage temperature range : -55°C to +85°C (* Average power at 25°C per RF Path) (** At 25° C ±10%)	Operating temperature range			1000 to 0		
(* Average power at 25°C per RF Path) (** At 25° C ±10%)						
(** At 25° C ±10%)	etorago tom					ROHS
(** At 25° C ±10%)		wer at 25°C per DE	Path)			$(\cdot (\frown) \cdot)$
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