

## **Technical Data Sheet**

SP6T Terminated Ramses N 12.4GHz Latching Indicators 28Vdc Pins Terminals

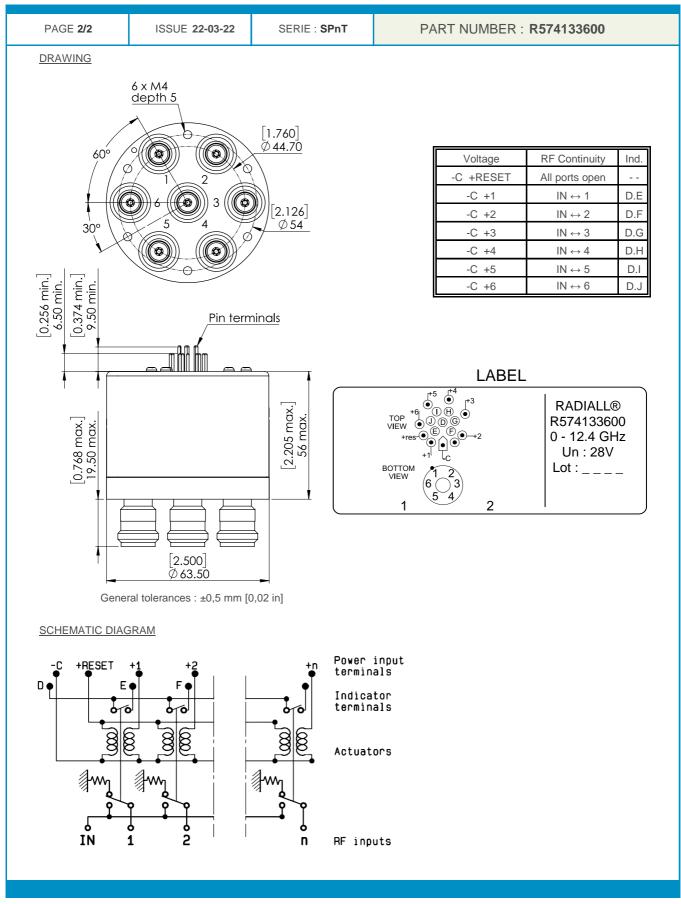
RFCHARACTERISTICS         Number of ways       : 6         Frequency range       : 0 · 12.4 GHz         Impedance       : 50 Ohms <u>Impedance</u> : 50 Ohms< <u>Impedance</u> : 0.20 dB 0.36 B 0.50 dB          Impedance       : 0.20 dB 0.50 dB          Impedance       : 0.20 dB 0.50 dB <u>Impedance</u> (')       : 0.00 dB 20 oD <u>Impedance</u> (')       : 0.00 dB 20 oD                 Millional Current **		E 1/2 ISSU	IE 22-03-22	SERIE	SPnT	PART NUMBER : <b>R574133600</b>
Frequency range       2.0 + 12.4 GHz         Impedance       50 Ohms         Impedance       50 Ohms         Impedince       1.20         Impedince       2.00 Mb         Impedince       1.20 mb         Impedince       1.20 mb         Impedince       1.00 mb         Impedince       1.20 mb     <	RF CH	HARACTERISTICS				
Frequency range       2. 0 - 12.4 GHz         Impedance       50 Ohms         Impedance       50 Ohms         Impedince       1.20         Impedince       2.00 Mb         Impedince       1.20 mb         Impedince       2.00 Mb         Impedince       1.00 Mb         Impedince       1.00 Mb         Impedince       2.00 Mb         Impedince       1.00 Mb         Impedince       1.00 Mb         Impedince       1.20 Mb         Impedince       1.20 Mb         Impedince       1.20 Mb		Number of use			<u>,</u>	
Impedance       50 Ohms         Impedance       Impedance         Impedance						
Image: provent of the provent of t						
WSWR max         1.20         1.35         1.50           Insertion loss max         0.20 dB         0.35 dB         0.50 dB           isolation min         80 dB         70 dB         60 dB           Maverage power (*)         400 W         250 W         200 W           TERMINATION IMPEDANCE         ::         50 Ohms           TERM. AVG. POWER AT 25° C         ::         1 W per termination / 3 W total power		Impedance			50 Onms	
VSWR max         1.20         1.35         1.50           Insertion loss max         0.20 dB         0.35 dB         0.50 dB           isolation min         80 dB         70 dB         60 dB           Average power (*)         100 W         250 W         100           TERMINATION IMPEDANCE         ::         50 Ohms         :           TERM. AVG. POWER AT 25° C         ::         1 W per termination / 3 W total power           ELECTRICAL CHARACTERISTICS         :         Actuator         ::         1 25 mA / RESET : 750 m A ***           Actuator voltage (Vcc)         ::         2 28 V (24 to 30V) / NEGATIVE COMMON         Terminals         ::         :           Actuator voltage (Vcc)         ::         2 28 V (24 to 30V) / 100 mA         :         :           MECHANICAL CHARACTERISTICS         :         Solder pins (250°C max. / 30 sec.)         :         :           MICHANICAL CHARACTERISTICS         :         :         :         :         :         :           Meight           :         :         :         :         :           Milecator rating           :         :         :         :         :           Milecator rating <t< td=""><td></td><td>Frequency (GHz)</td><td>DC - 3</td><td>3 - 8</td><td>8 - 12.4</td><td></td></t<>		Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	
isolation min       80 dB       70 dB       60 dB         Average power (')       400 W       250 W       200 W         TERMINATION IMPEDANCE       :: 50 Ohms         TERM. AVG. POWER AT 25° C       :: 1 W per termination / 3 W total power         ELECTRICAL CHARACTERISTICS         Actuator       :: LATCHING         Nominal current **       :: 125 mA / RESET : 750 mA ****         Actuator voltage (Vcc)       :: 28V (24 to 30V) / NEGATIVE COMMON         Terminals       :: 50 colder pins (250°C max./ 30 sec.)         Indicator rating       :: 1 W / 30 V / 100 mA         MECHANICAL CHARACTERISTICS       :: N female per MIL-C 39012         Life       :: 2 million cycles per position         Switching Time***       :: 450°C to +85°C         Construction       : Splashproof         Weight       : < 460 g			1.20	1.35	1.50	
Average power (*)       400 W       250 W       200 W         TERMINATION IMPEDANCE       :: 50 Ohms         TERM. AVG. POWER AT 25° C       :: 1 W per termination / 3 W total power         ELECTRICAL CHARACTERISTICS         Actuator       :: LATCHING         Nominal current **       :: 125 mA / RESET : 750 mA ****         Actuator voltage (Vcc)       :: 28V (24 to 30V) / NEGATIVE COMMON         Terminals       :: solder pins (250°C max. / 30 sec.)         Indicator rating       :: 1 W / 30 V / 100 mA         MECHANICAL CHARACTERISTICS         Connectors       : N female per MIL-C 39012         Life       :: 2 million cycles per position         Switching Time***       :: < 15 ms		Insertion loss max	0.20 dB	0.35 dB	0.50 dB	
TERMINATION IMPEDANCE       :: 50 Ohms         TERM. AVG. POWER AT 25° C       :: 1 W per termination / 3 W total power         ELECTRICAL CHARACTERISTICS         Actuator       :: LATCHING         Nominal current **       :: 125 mA / RESET : 750 mA ****         Actuator voltage (Vcc)       ::: 28V (24 to 30V) / NEGATIVE COMMON         Terminals       ::: solder pins (250°C max. / 30 sec.)         Indicator rating       :: 1 W / 30 V / 100 mA         MECHANICAL CHARACTERISTICS       :: 2 million cycles per position         Switching Time***       :: < 15 ms		Isolation min	80 dB	70 dB	60 dB	
TERM. AVG. POWER AT 25° C       : 1 W per termination / 3 W total power         ELECTRICAL CHARACTERISTICS         Actuator       : LATCHING         Nominal current **       : 125 mA / RESET : 750 mA ****         Actuator voltage (Vcc)       : 28V (24 to 30V) / NEGATIVE COMMON         Terminals       : solder pins (250°C max. / 30 sec.)         Indicator rating       : 1 W / 30 V / 100 mA         MECHANICAL CHARACTERISTICS       : 0 female per MIL-C 39012         Life       : 2 million cycles per position         Switching Time***       : < 15 ms		Average power (*)	400 W	250 W	200 W	
TERM. AVG. POWER AT 25° C       : 1 W per termination / 3 W total power         ELECTRICAL CHARACTERISTICS         Actuator       :: LATCHING         Nominal current **       :: 125 mA / RESET : 750 mA ****         Actuator voltage (Vcc)       :: 28V (24 to 30V) / NEGATIVE COMMON         Terminals       :: solder pins (250°C max. / 30 sec.)         Indicator rating       :: 1 W / 30 V / 100 mA         MECHANICAL CHARACTERISTICS       :: 0 female per MIL-C 39012         Life       :: 2 million cycles per position         Switching Time***       :: < 15 ms					50 Ohma	
ELECTRICAL CHARACTERISTICS         Actuator       : LATCHING         Mominal current **       : 125 mA / RESET : 750 mA ***         Actuator voltage (Vcc)       : 28V (24 to 30V) / NEGATIVE COMMON         Terminals       : solder pins (250°C max. / 30 sec.)         Indicator rating       : 1 W / 30 V / 100 mA         MECHANICAL CHARACTERISTICS         Connectors       : N female per ML-C 39012         Life       : 2 million cycles per position         Switching Time***       : < 15 ms						nination / 3 W total nower
Actuator       : LATCHING         Nominal current **       : 125 mA / RESET : 750 mA ****         Actuator voltage (Voc)       : 28V (24 to 30V) / NEGATIVE COMMON         Terminals       : solder pins (250°C max. / 30 sec.)         Indicator rating       : 1 W / 30 V / 100 mA         MECHANICAL CHARACTERISTICS         Connectors       : N female per MIL-C 39012         Life       : 2 million cycles per position         Switching Time***       : < 15 ms		TEININ. AVO. TOWER	AT 23 0		i w per teri	
Actuator       : LATCHING         Nominal current **       : 125 mA / RESET : 750 mA ****         Actuator voltage (Voc)       : 28V (24 to 30V) / NEGATIVE COMMON         Terminals       : solder pins (250°C max. / 30 sec.)         Indicator rating       : 1 W / 30 V / 100 mA         MECHANICAL CHARACTERISTICS         Connectors       : N female per MIL-C 39012         Life       : 2 million cycles per position         Switching Time***       : < 15 ms						
Nominal current **       125 mA / RESET : 750 mA ****         Actuator voltage (Vcc)       28V (24 to 30V) / NEGATIVE COMMON         Terminals       : solder pins (250°C max. / 30 sec.)         Indicator rating       : 1 W / 30 V / 100 mA         MecHANICAL CHARACTERISTICS         Connectors       : N female per MIL-C 39012         Life       : 2 million cycles per position         Switching Time***       : < 15 ms	ELEC	TRICAL CHARACTERI	<u>STICS</u>			
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Actuator voltage (Vcc)       : 28V (24 to 30V) / NEGATIVE COMMON         Terminals       : solder pins (250°C max. / 30 sec.)         Indicator rating       : 1 W / 30 V / 100 mA         MECHANICAL CHARACTERISTICS       Connectors       : N female per MIL-C 39012         Life       : 2 million cycles per position         Switching Time***       : < 15 ms						
Terminals       : solder pins (250°C max. / 30 sec.)         Indicator rating       : 1 W / 30 V / 100 mA         MECHANICAL CHARACTERISTICS         Connectors       : N female per MIL-C 39012         Life       : 2 million cycles per position         Switching Time***       : < 15 ms						
Indicator rating : 1 W / 30 V / 100 mA MECHANICAL CHARACTERISTICS Connectors : N female per MIL-C 39012 Life : 2 million cycles per position Switching Time*** : < 15 ms Construction : Splashproof Weight : < 460 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)						
MECHANICAL CHARACTERISTICS         Connectors       : N female per MIL-C 39012         Life       : 2 million cycles per position         Switching Time***       : < 15 ms					-	· · · · · · · · · · · · · · · · · · ·
Connectors       : N female per MIL-C 39012         Life       : 2 million cycles per position         Switching Time***       : < 15 ms         Construction       : Splashproof         Weight       : < 460 g         ENVIRONMENTAL CHARACTERISTICS         Verage temperature range       : -40°C to +85°C         Storage temperature range       : -55°C to +85°C         (* Average power at 25°C per RF Path)       : -55°C to +85°C         (* Average power at 25°C per RF Path)       : -40°C to +85°C         (** Nominal voltage ; 25° C)       : -55°C to +85°C		Indicator rating			1 11 / 30 1 /	
Connectors       : N female per MIL-C 39012         Life       : 2 million cycles per position         Switching Time***       : < 15 ms         Construction       : Splashproof         Weight       : < 460 g         ENVIRONMENTAL CHARACTERISTICS         Verage temperature range       : -40°C to +85°C         Storage temperature range       : -55°C to +85°C         (* Average power at 25°C per RF Path)       : -55°C to +85°C         (* Average power at 25°C per RF Path)       : -40°C to +85°C         (** Average power at 25°C per RF Path)       : -55°C to +85°C						
Life       2 million cycles per position         Switching Time***       : < 15 ms	MECH	HANICAL CHARACTER	ISTICS			
Life       2 million cycles per position         Switching Time***       : < 15 ms						
Switching Time*** : < 15 ms		Connectors			N female ne	r MII -C 39012
Construction : Splashproof   Weight : < 460 g					-	
Weight       : < 460 g		Life		:	2 million cy	
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)		Life Switching Time***		:	2 million cy < 15 ms	cles per position
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)		Life Switching Time*** Construction		:	2 million cy < 15 ms Splashproo	cles per position
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)		Life Switching Time*** Construction		:	2 million cy < 15 ms Splashproo	cles per position
Storage temperature range       : -55°C to +85°C         (*       Average power at 25°C per RF Path)         (**       At 25° C ±10%)         (***       Nominal voltage ; 25° C)	ENVI	Life Switching Time*** Construction Weight	TERISTICS	:	2 million cy < 15 ms Splashproo	cles per position
(* Average power at 25°C per RF Path) (** At 25° C ±10%) (*** Nominal voltage ; 25° C)	ENVI	Life Switching Time*** Construction Weight	TERISTICS	:	2 million cy < 15 ms Splashproo	cles per position
<ul> <li>(* Average power at 25°C per RF Path)</li> <li>(** At 25° C ±10%)</li> <li>(*** Nominal voltage ; 25° C)</li> </ul>	envif	Life Switching Time*** Construction Weight RONMENTAL CHARAC		:	2 million cy < 15 ms Splashproo < 460 g	cles per position
(** At 25° C ±10%) (*** Nominal voltage ; 25° C)	ENVIE	Life Switching Time*** Construction Weight RONMENTAL CHARAC	range	:	2 million cy < 15 ms Splashproo < 460 g	°C
(** At 25° C ±10%) (*** Nominal voltage ; 25° C)	<u>envi</u>	Life Switching Time*** Construction Weight RONMENTAL CHARAC	range	:	2 million cy < 15 ms Splashproo < 460 g	°C
(*** Nominal voltage ; 25° C)		Life Switching Time*** Construction Weight RONMENTAL CHARAC Operating temperature Storage temperature ra	range inge	:	2 million cy < 15 ms Splashproo < 460 g	°C
( Noninal Voltage, 25 C)	(*	Life Switching Time*** Construction Weight RONMENTAL CHARAC Operating temperature Storage temperature ra	range inge	:	2 million cy < 15 ms Splashproo < 460 g	°C
(**** Reset : supply voltage time 1sec. max. / duty cycle 10%)	(* (**	Life Switching Time*** Construction Weight RONMENTAL CHARAC Operating temperature Storage temperature ra Average power at 25°C At 25° C ±10%)	range inge : per RF Path)	:	2 million cy < 15 ms Splashproo < 460 g	°C °C °C
	(* (** (***	Life Switching Time*** Construction Weight RONMENTAL CHARAC Operating temperature Storage temperature ra Average power at 25°C At 25° C ±10%) Nominal voltage ; 25° C	range inge : per RF Path) C)		2 million cy < 15 ms Splashproo < 460 g -40°C to +85 -55°C to +85	°C °C °C
	(* (** (***	Life Switching Time*** Construction Weight RONMENTAL CHARAC Operating temperature Storage temperature ra Average power at 25°C At 25° C ±10%) Nominal voltage ; 25° C	range inge : per RF Path) C)		2 million cy < 15 ms Splashproo < 460 g -40°C to +85 -55°C to +85	°C °C °C
	(* (** (***	Life Switching Time*** Construction Weight RONMENTAL CHARAC Operating temperature Storage temperature ra Average power at 25°C At 25° C ±10%) Nominal voltage ; 25° C	range inge : per RF Path) C)		2 million cy < 15 ms Splashproo < 460 g -40°C to +85 -55°C to +85	°C °C °C
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