

## **Technical Data Sheet**

SP5T Terminated Ramses SMA2.9 40GHz Latching 12Vdc D-sub connector

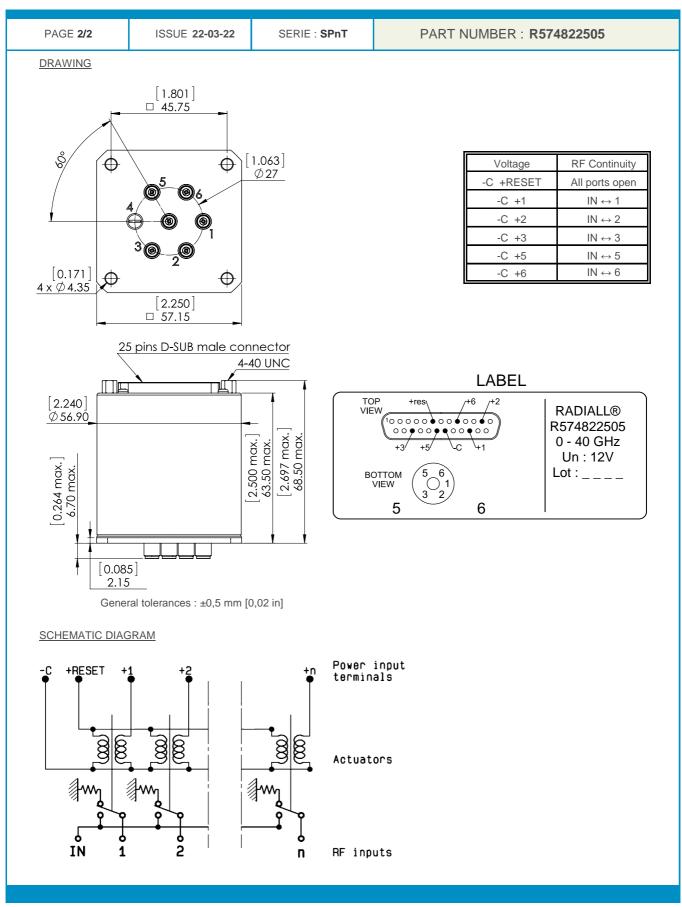
	AGE 1/2 ISSUE 22-03		22-03-22	3-22 SERIE : SPnT		PART NUMBER : <b>R574822505</b>			
<u>RF C</u>	HARACTERIS	STICS							
	Number of w	ays		:	5				
	Frequency ra			:	0 - 40 GHz				
	Impedance	-		:	50 Ohms				
	Frequency (0	GHz)	DC - 6	6 - 12.4	12.4 - 18	18 - 26.5	26.5 - 40		
	VSWR max		1,30	1,40	1,50	1,70	2,20		
	Insertion loss	s max	0.20 dB	0.40 dB	0.50 dB	0.70 dB	1.10 dB		
	Isolation min		70 dB	60 dB	60 dB	55 dB	50 dB		
	Average pow		40 W	30 W	25 W	15 W	5 W		
	TERMINATIO	ON IMPEDA	NCE	:	50 Ohms				
	TERM. AVG	. POWER A	T 25° C	:	1 W per teri	nination / 3	W total power	r	
		DAOTEDIO							
ELEC	CTRICAL CHA	RACIERIS	<u>ncs</u>						
	Actuator				LATCHING				
	Nominal curr	ont **			320 mA / RE	SET · 1600	mΔ ****		
	Actuator volt						ATIVE COMM	ON	
	Terminals	ugo (100)			25 pins D-S				
					•				
	HANICAL CHARACTERISTICS Connectors Life Switching Time***			<ul> <li>SMA 2.9 female per MIL-C 39012</li> <li>2 million cycles per position</li> <li>&lt; 15 ms</li> </ul>					
		me***			-	cies per pos	sition		
	Switching Tir			:	< 15 ms		ition		
				:	< 15 ms Splashproo		lition		
	Switching Tir Construction			:	< 15 ms		ition		
ENVI	Switching Tir Construction		ERISTICS	:	< 15 ms Splashproo		ition		
<u>ENVI</u>	Switching Tir Construction Weight	. CHARACT		:	< 15 ms Splashproo	f	ition		
<u>ENVI</u>	Switching Tir Construction Weight RONMENTAL	<u>CHARACT</u>	ange	:	< 15 ms Splashproo < 250 g	f 5°C	ition		
<u>ENVI</u>	Switching Tir Construction Weight RONMENTAL	<u>CHARACT</u>	ange	:	< 15 ms Splashproo < 250 g -40°C to +8	f 5°C	ition /	ROHS	
	Switching Tir Construction Weight RONMENTAL Operating ter Storage tem	<u>CHARACT</u> mperature ra	ange ge	:	< 15 ms Splashproo < 250 g -40°C to +8	f 5°C	ition	RoHS.	
(*	Switching Tir Construction Weight RONMENTAL Operating ter Storage temp Average pow	<u>CHARACT</u> mperature ra perature ran ver at 25°C p	ange ge	:	< 15 ms Splashproo < 250 g -40°C to +8	f 5°C	ition	RoHs C	
	Switching Tir Construction Weight RONMENTAL Operating ten Storage temp Average pow At 25° C ±10	<u>CHARACT</u> mperature ra perature ran ver at 25°C p %)	ange ge	:	< 15 ms Splashproo < 250 g -40°C to +8	f 5°C	ition	ROHS COMPLIAN	
(* (**	Switching Tir Construction Weight RONMENTAL Operating ter Storage temp Average pow At 25° C ±10 Nominal volta	<u>CHARACT</u> mperature ra perature ran ver at 25°C p %) age ; 25° C)	ange ge oer RF Path)	:	< 15 ms Splashproo < 250 g -40°C to +8 -55°C to +8	f 5°C	ition	ROHS COMPLIAN	
(* (** (***	Switching Tir Construction Weight RONMENTAL Operating ter Storage temp Average pow At 25° C ±10 Nominal volta	<u>CHARACT</u> mperature ra perature ran ver at 25°C p %) age ; 25° C)	ange ge	:	< 15 ms Splashproo < 250 g -40°C to +8 -55°C to +8	f 5°C	ition	ROHS COMPLIAN	
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