

Technical Data Sheet

SP5T Ramses SMA 18GHz Latching 28Vdc TTL Diodes D-sub connector

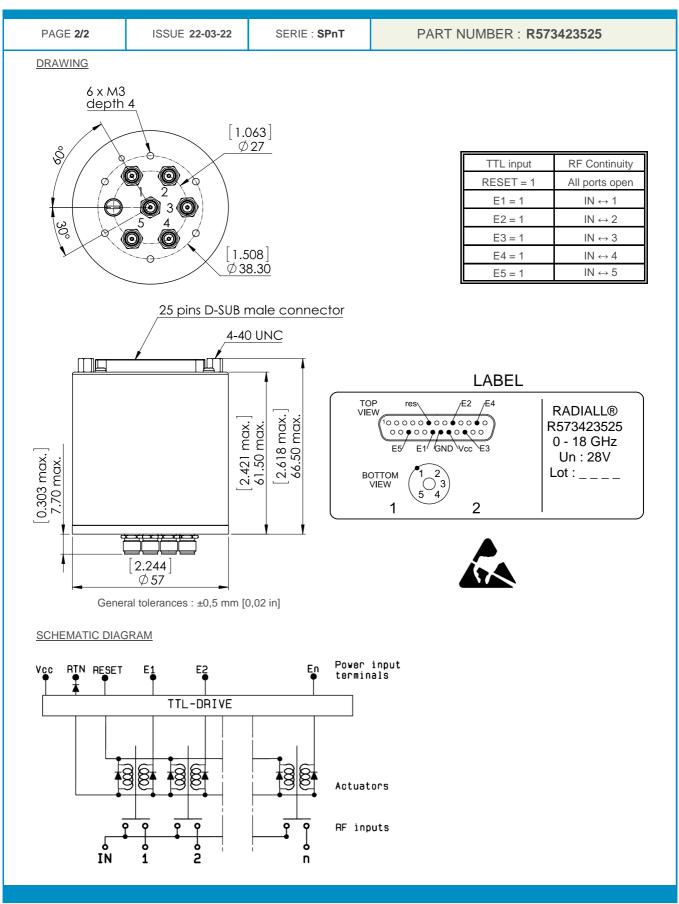
* At 25° C ±10%) ** Nominal voltage ; 25° C)	PAGE 1/2	2 ISSUE 22-03-22 SERIE : 5		: SPnT	PA	RT NUMBER : R573423525
Frequency range 2.918 GHz Impedance 50 Ohms Impedance 0.00 GH 0.30 GH 0.40 GH 0.50 GH Imperion loss max 0.20 GH 0.30 GH 0.40 GH 0.50 GH Isolation min 0.20 GH 0.30 GH 0.40 GH 0.50 GH Isolation min 0.20 GH 0.30 GH 0.40 GH 0.50 GH Isolation min 0.20 GH 0.30 GH 0.40 GH 0.50 GH Isolation min 0.20 GH 0.30 GH 0.40 GH 0.50 GH Isolation min 0.20 GH 0.30 GH 0.40 GH 0.50 GH Isolation min 0.20 GH 0.30 GH 0.40 GH 0.50 GH Isolation min 0.20 GH 0.30 GH 0.40 GH 0.50 GH Isolation min 0.20 GH 0.30 GH 0.40 GH 0.50 GH Isolation min 2.40 GH 1.20 MIL Isolation min 2.20 GH 0.40 GH 0.50 GH Mindig (Vice) 2.21 fo 5.5 V/ 800µA at 5.5 V/ It public (S) High level 2.21 fo 5.5 V/ 800µA at 5.5 V/ It public (S) High level 0 fo 0.8 V / 20µA at 0.8 V Connectors Similion cycles per position Switching Time*** Siglishproof Weight Siglishproof Weight Siglishproof Morage power at 25°C per RF Path) Siglish 26°C to 485°C Overage power	RF CHARACTERIS	STICS	-			
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Impedance : 50 Ohms <u>Frequency (GHz)</u> <u>1.20</u> <u>1.30</u> <u>1.40</u> <u>1.50</u> <u>1.24-18</u> <u>VSWR max</u> <u>1.20</u> <u>1.30</u> <u>1.40</u> <u>1.50</u> <u>1.50</u> <u>1.24-18-18</u> <u>1.50</u> <u>1.50</u> <u>1.24-18-18 <u>1.50</u> <u>1.50</u> <u>1.20</u> <u>1.30</u> <u>1.40</u> <u>1.50</u> <u>1.50</u> <u>1.24-18-18 <u>1.50</u> <u>1.24-18-18 <u>1.50</u> <u>1.50</u> <u>1.20</u> <u>1.50</u> <u>1.50</u> <u>1.50</u> <u>1.50</u> <u>1.50</u> <u>1.50</u> <u>1.50</u> <u>1.50</u> <u>1.50</u> <u>1.24-18 <u>1.50</u> <u>1.50</u></u></u></u></u>						
Trequency (GHz) DC - 3 3 - 8 8 - 12.4 12.4 - 18 SyrR 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 0.20 dB 0.30 dB 0.40 dB 0.50 dB isolation min 0.20 dB 0.30 dB 0.40 dB 0.50 dB isolation min 0.20 dB 0.30 dB 0.40 dB 0.50 dB isolation min 0.20 dB 0.30 dB 0.40 dB 0.50 dB isolation min 0.20 dB 0.30 dB 0.40 dB 0.50 dB isolation min 2.40 W 150 W 120 W 100 W						
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	Impedance			50 Onins		
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Isolation min 80 dB 70 dB 60 dB 60 dB Average power (*) 240 W 150 W 120 W 100 W ECTRICAL CHARACTERISTICS Actuator :: LATCHING Nominal current ** :: 125 mA / RESET: 625 mA **** Actuator voltage (Voc) :: 28V (24 to 30V) Terminals :: 25 pins D-SUB male connector TTL inputs (E) - High level :: 2.2 to 5.5 V / 800µA at 5.5 V - Low level :: 0 to 0.8 V / 20µA at 0.8 V ECHANICAL CHARACTERISTICS Connectors :: SMA female per MIL-C 39012 Life :: 5 million cycles per position Switching Time*** :: < 15 ms						
Average power (') 240 W 150 W 120 W 100 W LECTRICAL CHARACTERISTICS Actuator ::::::::::::::::::::::::::::::::::::	Insertion loss	s max 0.20 dE	3 0.30 dB	0.40 dB	0.50 dB	
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Actuator :: LATCHING Nominal current ** :: 125 mA / RESET : 625 mA **** Actuator voltage (Vcc) :: 28V (24 to 30V) Terminals :: 225 pins D-SUB male connector TIL inputs (E) - High level :: 2: 2 to 5.5 V / 800µA at 5.5 V - Low level :: 0 to 0.8 V / 20µA at 0.8 V ECHANICAL CHARACTERISTICS :: 0 to 0.8 V / 20µA at 0.8 V ECHANICAL CHARACTERISTICS :: 5 million cycles per position Switching Time*** :: < 15 ms	Average pow	ver (*) 240 W	150 W	120 W	100 W	
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* At 25° C ±10%) ** Nominal voltage ; 25° C)	(* Average pow	ior at 25°C par DE Dati	2)			
** Nominal voltage ; 25° C)						
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