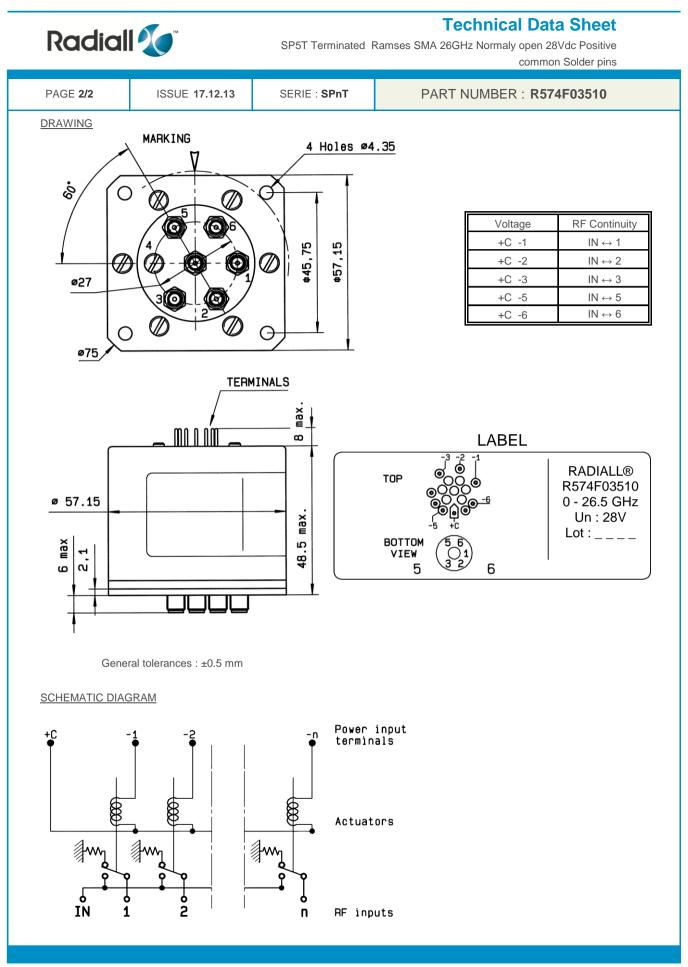


Technical Data Sheet

SP5T Terminated Ramses SMA 26GHz Normaly open 28Vdc Positive common Solder pins

<text><text><text><text><text></text></text></text></text></text>	PAGE 1/2 ISSUE 17.12.13			17.12.13	SERIF	: SPnT	PΔ		ER : R574F03510		
<text><text></text></text>							TART NOWBER . NJTH 0310				
Prequency range : 0 - 26.5 GHz Impedance : 50 Ohms Impedance : 50 Ohms Impedance : 0 - 20.3 Impedance : 50 Ohms Impedance : 0 - 20.4 Impedance : 0 - 20.4 </td <td><u>RF CI</u></td> <td>HARACTERI</td> <td><u>STICS</u></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	<u>RF CI</u>	HARACTERI	<u>STICS</u>								
Prequency range 2.62.5 GHz Impedance 50 Ohms Impedance 50 Ohms Impedance 1.20 1.30 1.40 1.50 1.70 Impedance 0.20 dB 0.30 dB 0.40 dB 0.50 dB 0.70 dB Impediation loss max 0.20 dB 0.30 dB 0.40 dB 0.50 dB 0.70 dB Impediation loss max 0.20 dB 0.30 dB 0.40 dB 0.50 dB 0.70 dB Impediation loss max 0.20 dB 0.30 dB 0.40 dB 0.50 dB 0.60 dB Impediation loss max 0.20 dB 0.30 dB 0.40 dB 0.50 dB 0.60 dB Impediation loss max 0.20 dB 0.30 dB 0.40 dB 0.50 dB 0.60 dB Impediation loss max 1.50 max 1.00 max 1.00 max 0.00 dB 0.00 dB Impediation loss max FOMMER AT 25° C Impediation loss max 1.00 max 1.00 max 1.00 max Impediation loss max FOMMER AT 25° C Impediation loss max 1.00 max 1.00 max 1.00 max 1.00 max Impediation loss max FOMER AT 25° C		Number of w	vavs			5					
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Image: project (GHz) DC - 3 3 - 8 n + 12.4 12.4 - 18 19.70 VSWR max D.20 db 0.30 db 0.40 db 0.50 db 0.70 db VSWR max D.20 db 0.30 db 60 db 0.60 db 0.50 db VSWR max D.20 db 0.30 db 60 db 0.60 db 0.60 db VSWR max D.20 db 1.50 db 0.70 db 0.60 db 0.60 db VSWR max D.20 db 1.50 db 0.40 db 0.60 db 0.60 db 0.60 db Verage power (*) 2.40 W 1.50 mb 1.20 W 1.00 Wb 40 Wb Xerage power (*) 2.40 Wb 1.50 mb 1.20 Wb 1.00 Wb 40 Wb Xerage power (*) Xerage			5		:	50 Ohms					
<u>VSWR max</u> 1,20 1,30 1,40 1,50 1,70 Insertion loss max 0.20 dB 0.30 dB 0.40 dB 0.50 dB 0.70 dB Solation min 80 dB 70 dB 60 dB 60 dB 50 dB Average power (*) 240 W 150 W 120 W 100 W 40 W TERMINATION IMPEDANCE :: 50 Ohms TERM. AVG. POWER AT 25° C :: 1 W per termination / 3 W total power ELECTRICAL CHARACTERISTICS Actuator :: NORMALLY OPEN Mominal current ** Actuator :: 202 mA Actuator voltage (Vcc) :: 28V (24 to 30V) / POSITIVE COMMON Terminals :: solder pins (250°C max. / 30 sec.) ENCHANICAL CHARACTERISTICS Connectors :: SMA female per MIL-C 39012 Life :: 2.000.000 cycles per position Switching Time*** : < 15 ms Construction :: Splashproof Weight :: < 250 g ENVIRONMENTAL CHARACTERISTICS (' Average power at 25°C per RF Path) ('* At 25° C ± 10%)											
Insertion loss max 0.20 dB 0.30 dB 0.40 dB 0.50 dB 50 dB Solation min 80 dB 70 dB 60 dB 60 dB 50 dB Average power (*) 240 W 150 W 120 W 100 W 40 W TERMINATION IMPEDANCE :: 50 dhm TERM. AVG. POWER AT 25° C :: 1 W per termination / 3 W total power ELECTRICAL CHARACTERISTICS Actuator :: NORMALLY OPEN Mominal current ** :: 102 mA Actuator voltage (Vcc) :: 28V (24 to 30V) / POSITIVE COMMON Terminals :: solder pins (250°C max. / 30 sec.) MECHANICAL CHARACTERISTICS : Solder pins (250°C max. / 30 sec.) MECHANICAL CHARACTERISTICS : : Soldshiproof Weight :: : : : Switching Time*** : : : : Wight :: : : : : Operating temperature range : : : : : : Miching Time*** :: : <		Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18	18-26.5			
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Image: Termination IMPEDANCE 1 W per termination / 3 W total power ELECTRICAL CHARACTERISTICS Actuator 1 NORMALLY OPEN Nominal current ** 102 mA Actuator voltage (Vcc) 2 EV (24 to 30V) / POSITIVE COMMON Terminals 1 solder pins (250°C max. / 30 sec.) MECHANICAL CHARACTERISTICS Connectors 1 SMA female per MIL-C 39012 Life 2 2000.000 cycles per position Switching Time*** 1 5 ms Construction 2 Splashproof Weight 2 < 250 g		Isolation mir	ı	80 dB	70 dB	60 dB	60 dB	50 dB			
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Connectors : SMA female per MIL-C 39012 Life : 2.000.000 cycles per position Switching Time*** : < 15 ms Construction : Splashproof Weight : < 250 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) (* Average power at 25°C per RF Path)											
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Life £ 2.000.000 cycles per position Switching Time*** : < 15 ms		Connectors				SMA female per MII -C 39012					
Switching Time*** : < 15 ms											
Construction : Splashproof Weight : < 250 g											
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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										
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Storage temperature range : -55°C to +85°C (* Average power at 25°C per RF Path) (** At 25° C ±10%)	ENVI	RONMENTAL		ERISTICS							
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(* Average power at 25°C per RF Path) (** At 25° C ±10%)		Storage tem	perature rang	ge	:	-55°C to +8	5°C		ROHS		
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