

## **Technical Data Sheet**

SP6T Ramses Low PIM SMA 18GHz Latching Indicators 28Vdc Pins Terminals

PAGE 1/2 ISSUE		5 15.05.15 SERIE : SPnT		: SPnT	PART NUMBER : <b>R573433600LP</b>	
RF CHARACTER	ISTICS					
Number of	ways		:	6		
Frequency range		: 0 - 18 GHz				
Impedance			:	50 Ohms		
						_
Frequency	(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	
Isolation min		80 dB	70 dB	60 dB	60 dB	•
Average po		240 W	150 W	120 W	100 W	•
<u>F. 1997 P.</u>	()					1
			Passive inte	rmodulatior		ו
Tone 1						
Tone 2		1810 MHz, approximately 43 dBm 1850 MHz, approximately 43 dBm				
3 <sup>rd</sup> order Pl	Μ	- 160 dBc at 1770 MHz				
Depending	on application	carrier pow			measuremen	ants can varv
	is not measu					to our vary.
Actuator Nominal current ** Actuator voltage (Vcc) Terminals Indicator rating		: 125 mA / RESET : 28V (24 to 30V) / : solder pins (250 : 1 W / 30 V / 100 r				
Actuator vo Terminals	ltage (Vcc)		:	28V (24 to 3 solder pins	0V) / NEGAT (250°C max	TIVE COMMON
Actuator vo Terminals	ltage (Vcc) ting	TICS	:	28V (24 to 3 solder pins	0V) / NEGAT (250°C max	TIVE COMMON
Actuator vo Terminals Indicator ra	ltage (Vcc) ting HARACTERIS	TICS	:	28V (24 to 3 solder pins 1 W / 30 V /	0V) / NEGA1 (250°C max 100 mA	TIVE COMMON / 30 sec.)
Actuator vo Terminals Indicator ra	ltage (Vcc) ting HARACTERIS	TICS	:	28V (24 to 3 solder pins 1 W / 30 V / SMA female	0V) / NEGAT (250°C max 100 mA	TIVE COMMON / 30 sec.) 39012
Actuator vo Terminals Indicator ra <u>MECHANICAL CI</u> Connectors Life	ltage (Vcc) ting HARACTERIS	TICS	: : : : : : : : : : : : : : : : : : : :	28V (24 to 3 solder pins 1 W / 30 V /	0V) / NEGAT (250°C max 100 mA	TIVE COMMON / 30 sec.) 39012
Actuator vo Terminals Indicator ra <u>MECHANICAL CI</u> Connectors	ltage (Vcc) ting <u>HARACTERIS</u> ******	TICS	: : : : : : : : : : : : : : : : : : : :	28V (24 to 3 solder pins 1 W / 30 V / SMA female 2.000.000 c	0V) / NEGAT (250°C max 100 mA e per MIL-C 3 ycles per po	TIVE COMMON / 30 sec.) 39012
Actuator vo Terminals Indicator ra <u>MECHANICAL CI</u> Connectors Life Switching T	ltage (Vcc) ting <u>HARACTERIS</u> ******	TICS	: : : : : : : : : : : : : : : : : : : :	28V (24 to 3 solder pins 1 W / 30 V / SMA female 2.000.000 c < 15 ms	0V) / NEGAT (250°C max 100 mA e per MIL-C 3 ycles per po	TIVE COMMON / 30 sec.) 39012
Actuator vo Terminals Indicator ra <u>MECHANICAL CI</u> Connectors Life Switching T Constructio	ltage (Vcc) ting <u>HARACTERIS</u> ****** <sup>-</sup> ime**** m		: : : : : : : : : : : : : : : : : : : :	28V (24 to 3 solder pins 1 W / 30 V / SMA female 2.000.000 c < 15 ms Splashprod	0V) / NEGAT (250°C max 100 mA e per MIL-C 3 ycles per po	TIVE COMMON / 30 sec.) 39012
Actuator vo Terminals Indicator ra <u>MECHANICAL CI</u> Connectors Life Switching T Constructio Weight <u>ENVIRONMENTA</u> Operating t	ltage (Vcc) ting <u>HARACTERIS</u> ****** <sup>-</sup> ime**** m	<u>ERISTICS</u>		28V (24 to 3 solder pins 1 W / 30 V / SMA female 2.000.000 c < 15 ms Splashprod	0V) / NEGAT (250°C max 100 mA e per MIL-C 3 ycles per po f	TIVE COMMON / 30 sec.) 39012
Actuator vo Terminals Indicator ra MECHANICAL CI Connectors Life Switching T Constructio Weight ENVIRONMENTA Operating t Storage ter	Itage (Vcc) ting <u>HARACTERIS</u> ***** "ime*** on <u>AL CHARACTI</u> emperature ran	<u>ERISTICS</u> inge ge		28V (24 to 3 solder pins 1 W / 30 V / SMA female 2.000.000 c < 15 ms Splashprod < 180 g	0V) / NEGAT (250°C max 100 mA e per MIL-C 3 ycles per po f	TIVE COMMON (. / 30 sec.) 39012 Sition
Actuator vo Terminals Indicator ra MECHANICAL CI Connectors Life Switching T Construction Weight ENVIRONMENTA Operating to Storage ter	Vitage (Vcc) ting <u>HARACTERIS</u> 3***** Time*** on <u>AL CHARACTI</u> emperature ran perature ran ower at 25°C p	<u>ERISTICS</u> inge ge		28V (24 to 3 solder pins 1 W / 30 V / SMA female 2.000.000 c < 15 ms Splashprod < 180 g	0V) / NEGAT (250°C max 100 mA e per MIL-C 3 ycles per po f	TIVE COMMON (. / 30 sec.) 39012 Sition
Actuator vo Terminals Indicator ra MECHANICAL CI Connectors Life Switching T Construction Weight ENVIRONMENTA Operating t Storage ter (* Average po (** At 25° C ± <sup>4</sup>	Itage (Vcc) ting HARACTERIS 3***** Time*** on AL CHARACTI emperature range ower at 25°C p 10%)	<u>ERISTICS</u> inge ge		28V (24 to 3 solder pins 1 W / 30 V / SMA female 2.000.000 c < 15 ms Splashprod < 180 g	0V) / NEGAT (250°C max 100 mA e per MIL-C 3 ycles per po f	TIVE COMMON (. / 30 sec.) 39012 Sition
Actuator vo Terminals Indicator ra MECHANICAL CI Connectors Life Switching T Construction Weight ENVIRONMENTA Operating to Storage ter (* Average po (** At 25° C ±1 (*** Nominal vo	Vitage (Vcc) ting <u>HARACTERIS</u> 3***** Time*** on <u>AL CHARACTI</u> emperature ran perature ran ower at 25°C p	<u>ERISTICS</u> inge ge er RF Path)		28V (24 to 3 solder pins 1 W / 30 V / SMA female 2.000.000 c < 15 ms Splashprod < 180 g	0V) / NEGAT (250°C max 100 mA e per MIL-C 3 ycles per po f	TIVE COMMON (. / 30 sec.) 39012 Sition

This document contains proprietary information and such information shall not be disclosed to any third party for any purpose whatsoever or used for manufacturing purposes without prior written agreement from Radiall. The data defined in this document are given as an indication, in the effort to improve our products; we reserve the right to make any changes judged necessary.

## **Technical Data Sheet**



SP6T Ramses Low PIM SMA 18GHz Latching Indicators 28Vdc Pins Terminals



This document contains proprietary information and such information shall not be disclosed to any third party for any purpose whatsoever or used for manufacturing purposes without prior written agreement from Radiall. The data defined in this document are given as an indication, in the effort to improve our products; we reserve the right to make any changes judged necessary.