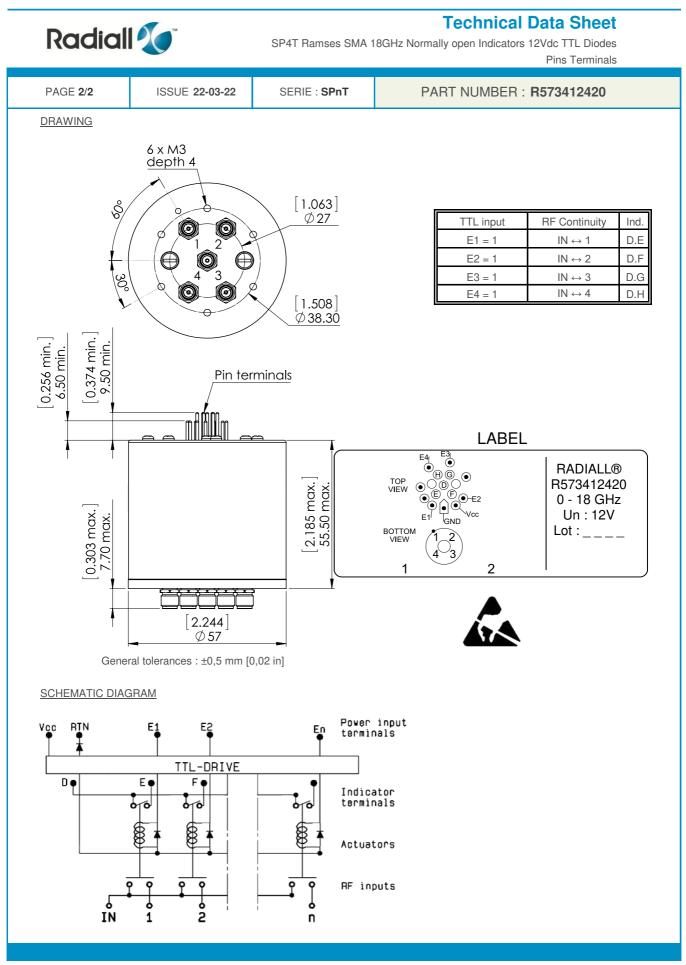


Technical Data Sheet

SP4T Ramses SMA 18GHz Normally open Indicators 12Vdc TTL Diodes Pins Terminals

PAGE 1/2	ISSUE	22-03-22	SERIE	: SPnT	PA	ART NUM	IBER :	R5734	12420	
RF CHARACTER	ISTICS									
Number of				4						
Number of Frequency	-			4 0 - 18 GHz						
Impedance	-			50 Ohms						
	·			50 01113		_				
Frequency	(GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18					
VSWR ma	х	1.20	1.30	1.40	1.50					
Insertion lo	ss max	0.20 dB	0.30 dB	0.40 dB	0.50 dB					
Isolation m		80 dB	70 dB	60 dB	60 dB					
Average po	ower (*)	240 W	150 W	120 W	100 W					
ELECTRICAL CH	IARACTERIST	ICS								
Actuator				NORMALLY						
Nominal cu	urropt **		-	250 mA	OPEN					
	oltage (Vcc)		-	12V (10.2 to	131/)					
Terminals	nage (vcc)			•	(250°C max.	/ 30 sec)				
			•	-		., 50 300.)				
Indicator ra	atina			1 W / 30 V /	$100 \text{ m}\Delta$					
Indicator ra	÷	level		1 W / 30 V / 2 2 to 5 5 V		5 V				
Indicator ra TTL inputs	÷		:	2.2 to 5.5 V	/ 800µA at 5.					
	(E) - High		:	2.2 to 5.5 V						
	(E) - High		:	2.2 to 5.5 V	/ 800µA at 5.					
	(E) - High - Low	level	:	2.2 to 5.5 V	/ 800µA at 5.					
TTL inputs	(E) - High - Low HARACTERIS	level	:	2.2 to 5.5 V 0 to 0.8 V / 2	/ 800µA at 5. 20µA at 0.8 V	1				
TTL inputs <u>MECHANICAL C</u> Connectors	(E) - High - Low HARACTERIS	level	:	2.2 to 5.5 V 0 to 0.8 V / 2 SMA female	/ 800µA at 5. 20µA at 0.8 V 9 per MIL-C 3	<i>י</i> 39012				
TTL inputs MECHANICAL C Connectors Life	(E) - High - Low <u>HARACTERIS</u>	level	::	2.2 to 5.5 V 0 to 0.8 V / 2 SMA female	/ 800µA at 5. 20µA at 0.8 V	<i>י</i> 39012				
TTL inputs <u>MECHANICAL C</u> Connectors	(E) - High - Low <u>HARACTERIS</u> δ	level	::	2.2 to 5.5 V 0 to 0.8 V / 2 SMA female 5 million cy < 15 ms	/ 800µA at 5. 20µA at 0.8 V e per MIL-C 3 cles per pos	<i>י</i> 39012				
TTL inputs MECHANICAL C Connectors Life Switching Constructio	(E) - High - Low <u>HARACTERIS</u> δ	level	::	2.2 to 5.5 V 0 to 0.8 V / 2 SMA female 5 million cy < 15 ms Splashproo	/ 800µA at 5. 20µA at 0.8 V e per MIL-C 3 cles per pos	<i>י</i> 39012				
TTL inputs MECHANICAL C Connectors Life Switching	(E) - High - Low <u>HARACTERIS</u> δ	level	::	2.2 to 5.5 V 0 to 0.8 V / 2 SMA female 5 million cy < 15 ms	/ 800µA at 5. 20µA at 0.8 V e per MIL-C 3 cles per pos	<i>י</i> 39012				
TTL inputs	(E) - High - Low <u>HARACTERIS</u> S S Time*** on	level <u>TICS</u>	::	2.2 to 5.5 V 0 to 0.8 V / 2 SMA female 5 million cy < 15 ms Splashproo	/ 800µA at 5. 20µA at 0.8 V e per MIL-C 3 cles per pos	<i>י</i> 39012				
TTL inputs MECHANICAL C Connectors Life Switching Constructio	(E) - High - Low <u>HARACTERIS</u> S S Time*** on	level <u>TICS</u>	::	2.2 to 5.5 V 0 to 0.8 V / 2 SMA female 5 million cy < 15 ms Splashproo	/ 800µA at 5. 20µA at 0.8 V e per MIL-C 3 cles per pos	<i>י</i> 39012				
TTL inputs	(E) - High - Low HARACTERIS S Time*** On	Ievel TICS ERISTICS		2.2 to 5.5 V 0 to 0.8 V / 2 SMA female 5 million cy < 15 ms Splashproo	/ 800µA at 5. 20µA at 0.8 V 9 per MIL-C 3 cles per pos f	<i>י</i> 39012				
TTL inputs	(E) - High - Low <u>HARACTERIS</u> S S Time*** on	Ievel TICS ERISTICS	:	2.2 to 5.5 V 0 to 0.8 V / 2 SMA female 5 million cy < 15 ms Splashproo < 220 g	/ 800µA at 5. 20µA at 0.8 V e per MIL-C 3 cles per pos f 5°C	<i>י</i> 39012				
TTL inputs	(E) - High - Low <u>HARACTERIS</u> S Time*** on <u>AL CHARACTE</u> temperature ra	Ievel TICS ERISTICS	:	2.2 to 5.5 V 0 to 0.8 V / 2 SMA female 5 million cy < 15 ms Splashproo < 220 g	/ 800µA at 5. 20µA at 0.8 V e per MIL-C 3 cles per pos f 5°C	<i>י</i> 39012	R	oH8		
TTL inputs	(E) - High - Low <u>HARACTERIS</u> S Time*** on <u>AL CHARACTE</u> temperature ra	Ievel TICS ERISTICS	:	2.2 to 5.5 V 0 to 0.8 V / 2 SMA female 5 million cy < 15 ms Splashproo < 220 g	/ 800µA at 5. 20µA at 0.8 V e per MIL-C 3 cles per pos f 5°C	<i>י</i> 39012	R	oHs		
TTL inputs	(E) - High - Low <u>HARACTERIS</u> S Time*** on <u>AL CHARACTE</u> temperature ra	Ievel <u>TICS</u> ERISTICS nge	:	2.2 to 5.5 V 0 to 0.8 V / 2 SMA female 5 million cy < 15 ms Splashproo < 220 g	/ 800µA at 5. 20µA at 0.8 V e per MIL-C 3 cles per pos f 5°C	<i>י</i> 39012		oHs		
TTL inputs	(E) - High - Low HARACTERIS S Time*** AL CHARACTE temperature rang power at 25°C po	Ievel <u>TICS</u> ERISTICS nge	:	2.2 to 5.5 V 0 to 0.8 V / 2 SMA female 5 million cy < 15 ms Splashproo < 220 g	/ 800µA at 5. 20µA at 0.8 V e per MIL-C 3 cles per pos f 5°C	<i>י</i> 39012	•			
TTL inputs <u>MECHANICAL C</u> Connectors Life Switching Construction Weight <u>ENVIRONMENT/</u> Operating f Storage ter (* Average po (* At 25° C ±	(E) - High - Low HARACTERIS S Time*** AL CHARACTE temperature rang power at 25°C po	Ievel <u>TICS</u> ERISTICS nge	:	2.2 to 5.5 V 0 to 0.8 V / 2 SMA female 5 million cy < 15 ms Splashproo < 220 g	/ 800µA at 5. 20µA at 0.8 V e per MIL-C 3 cles per pos f 5°C	<i>י</i> 39012	•	OHS PLIA		
TTL inputs <u>MECHANICAL C</u> Connectors Life Switching Construction Weight <u>ENVIRONMENT/</u> Operating f Storage ter (* Average po (* At 25° C ±	(E) - High - Low <u>HARACTERIS</u> S Time*** On <u>AL CHARACTE</u> temperature rang power at 25°C po 10%)	Ievel <u>TICS</u> ERISTICS nge	:	2.2 to 5.5 V 0 to 0.8 V / 2 SMA female 5 million cy < 15 ms Splashproo < 220 g	/ 800µA at 5. 20µA at 0.8 V e per MIL-C 3 cles per pos f 5°C	<i>י</i> 39012	•			

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