

## **Technical Data Sheet**

DPDT Ramses Low PIM N 12.4GHz Latching 12Vdc D-sub connector with bracket

F	Frequency range		:	0 - 12.4 GHz	2			
I	Impedance		:	50 Ohms				
F	Frequency (GHz)	DC - 1	1 - 2	2 - 3	3 - 8	8 - 12.4		
H	VSWR max	1.15	1.20	1.25	1.35	1.50		
- IF	Insertion loss max	0.15 dB	0.20 dB	0.25 dB	0.35 dB	0.50 dB		
H	Isolation min	85 dB 700 W	80 dB 500 W	75 dB 400 W	70 dB 250 W	60 dB 200 W		
Ľ	Average power (*)	700 W	500 W	400 W	250 W	200 W		
Γ			Passive inte	rmodulatior				
F	Tone 1	1810	) MHz, appro	oximately 43	dBm			
	Tone 2	1850		oximately 43	dBm			
	3 <sup>rd</sup> order PIM			at 1770 MHz				
	Depending on applica PIM testing is not mea				measuremen	ts can vary.		
ſ	Film lesting is not mea	asured during pro		ance lest.				
	Actuator voltage (Vcc) Terminals	)	: 12V (10.2 to 13V) / NEGATIVE COMMON : 9 pins D-SUB male connector					
MECH	ANICAL CHARACTE	RISTICS						
(	Connectors*****			: N female per MIL-C 39012				
	Life		2 million cycles					
	Switching Time***		: < 15 ms					
l				Splashproo	f			
1 9 0				. 045				
1 9 0	Construction Weight		:	< 215 g				
		CTERISTICS	:	< 215 g				
ן ( א <u>ENVIR</u>	Weight			< 215 g -25°C to +7(	)°C			
ا د <u>ENVIR</u>	Weight	e range	:	-	-			
ן פ <u>ENVIR</u> נ	Weight CONMENTAL CHARA Operating temperature Storage temperature	e range range	:	-25°C to +7(	-		RoHs	
[ ( ) <u>ENVIR</u> ( ; (*	Weight CONMENTAL CHARA Operating temperature Storage temperature i Average power at 25°	e range range	:	-25°C to +7(	-		RoHs.	
[ ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (	Weight <u>RONMENTAL CHARA</u> Operating temperature Storage temperature i Average power at 25° At 25° C ±10%)	e range range C per RF Path)	:	-25°C to +7(	-		RoHs Color	
[ ( ) ( ( ( ) ( ) ( ) ( ) ( ) ( ) ( ) (	Weight CONMENTAL CHARA Operating temperature Storage temperature i Average power at 25°	e range range C per RF Path) C)	:	-25°C to +7(	-		ROHS COMPLIAN	

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