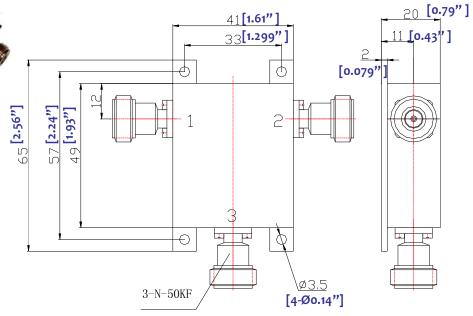
ULTRA WIDE BAND 300-500MHz CIRCULATOR RFLC101M30M50

2.0	Environment specifications					
2.1	Opt. Temp.	-20°C~+70°C				
2.2	Storage Temp.	-40°C~+85°C				
2.3	Altitude	45000 ft				
2.4	Vibration	10g rms (15 degree 2KHz)				
2.5	Humidity	100% RH at 35c, 95%RH at 40 deg c				
2.6	Shock	20G for 11msc				





1800	2	ıl Math risible				0.5 dB 0.5 dB			0[Trc7]	Trc7 Mem1	1 816 U	l . 11	оо ми	800.00	Cal M 1	Ref1 U	mU/ I	VR 100	_	Trc1
1800 - 1500 - 1400 - 1420 - 1300 - 1200 - 1200 - 1200 - 1100 - 1500 - 11	-0.5877 dB -0.7472 dB	MHz	000	52.20	M 2 3					0.0		z 1.3	JOO ME	352.20	•M 2				00	18
1300 1200 1100 1100 1100 1100 1100 1100	-0.9467 U.S.	WHZ	100	00.00	M 3 5	_	2	N	-	0.5									oʻp——	16
1200 1100 1100 1100 1100 1100 1100 1100			‡														2	M	oʻ0——	-\14
1 100 m		\mp	‡							3.0			_			/			ò─	- 1
March 1 (Tree) 912 dB March 10 dB / Pof 0 dB Invicible	top 520 MHz	Sto	1		dBm	Pwr (80 MH			20 MHz	Stop 5			dBm	Pwr 0		:80 MH:	n'n——	L 11
	4 071211	n Mile	odo	_	Cal	Ref1U	mU/	/R 10	_		3								1[Trc8]	
M1 300.00000 MHz -25.112 dB 1900 M2 352.2000 MHz -19.235 dB 1800 M3 509.0000 MHz -25.12 dB 1800 M3 509.0000 MHz -25.12 dB 1800 M3 509.0000 MHz -25.12 dB 1800 M3 509.00000 MHz -25.12 dB -25.12	1.2937 U	0 MHz	200	352.2	M 2				10	- 19										1

n1 Start 280	MHZ	Pwr 0 di	∃m	Stop	520 MHz
c9 <mark>S22</mark> SWR	100 mU/ R	ef1U	Cal		4
1800 1700			12 352.20	000 MHz 000 MHz 900 MHz	1.0713 U 1.2937 U 1.1761 U
1500 1400 1300	101 2				
1200					13/
n1 Start 280	MHz	Pwr 0 dl	∃m	Stop	520 MHz

1.0	Mechanical Specifications					
1.1	Coaxial	SMA-F or N-F				
1.2	External Finish	Nickle Plated				
1.3	Rotation	Clockwise / Counter-clockwise				

PN	Frequency	Insertion	Isolation	VSWR	Forward	Reverse
	(MHz)	loss (dB)	(dB) min	(max)	Power (CW)	Power (CW)
RFLC101M30M50	300-500	0.9	17	1.4	50	N/A

PAGE 1 OF	1		DATE JAN 8th 2003]2		
PROPRIETARY INFORM THE INFORMATION CONTAINED IN THIS PROPERTY OF RF-LAMBDA EXCEPT AS AUTHORIZED IN WRUTUBG BT RF-LAME THIS DOLICIJMENT SHALL KEFE ALL INF	Y DER OF	DESIGN RFPC				
HEREIN CONFIDENTIAL AND SHALL PRO WHOLE OR IN PART FROM DISCLOSUR	OTECT SAME	IN THE	RF-LAMBDA			
OF ALL THIRD PARTIES AND SHALL US OPERATING AND MAINTENANCE PURPO			RFPC			
			CAD MODEL REVISION			
			02-1			
RFLC101N			ASSEMBLY REVISION VS23	L		
ULTRA W	INF RV	NU	ASSEMBLY NAME	1		
CIRCULA	ΓOR		RFLVR54			
			DRAWING NUMBER	10		
www.rflambda.com	Do2-12	J۲				
RF-LAMBDA	SIZE LT	SHEETS 1	OF 1			

^{*} All spec. above in 25C degree only.