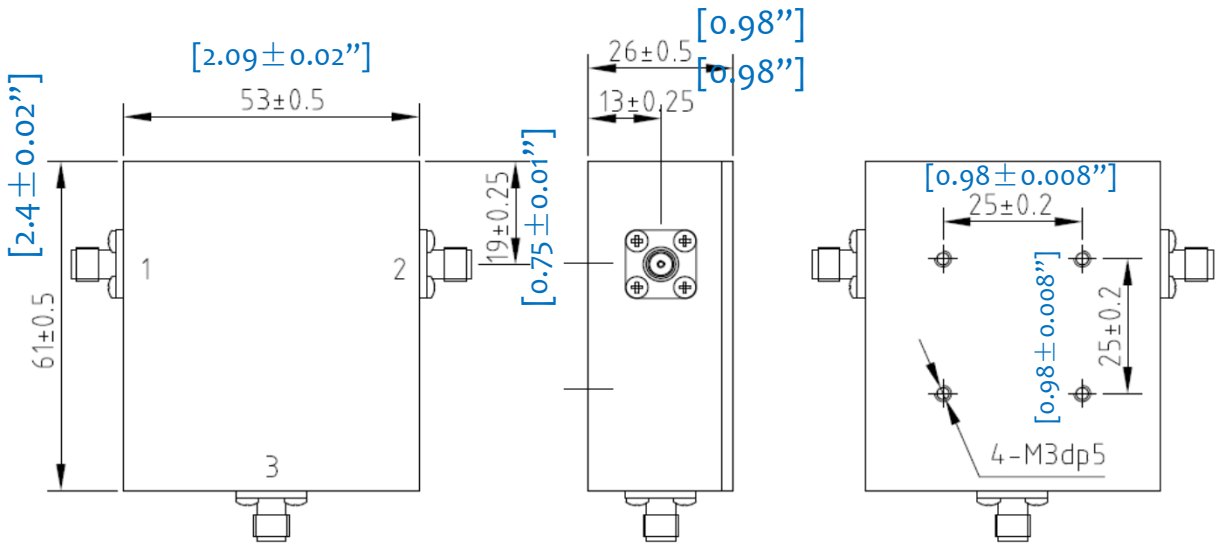
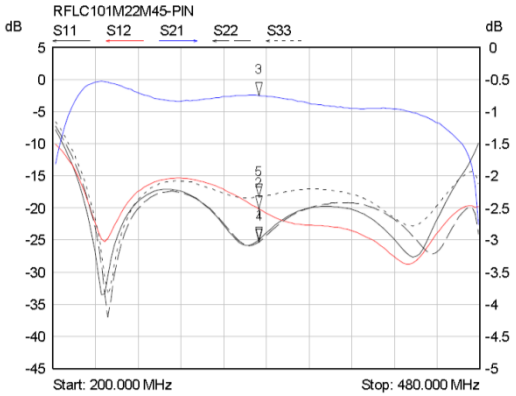
ULTRA WIDE BAND 225-450MHz CIRCULATOR RFLC101M22M45



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

2.0	Environment specifications	
2.1	Opt. Temp.	-40°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



Mkr	Trace	X-Axis	Value
1 ▽	S11	335.000 MHz	-24.98 dB
2 ▽	S12	335.000 MHz	-20.15 dB
3 ▽	S21	335.000 MHz	-0.75 dB
4 ▽	S22	335.000 MHz	-25.30 dB
5 ▽	S33	335.000 MHz	-18.30 dB

PN	Frequency (MHz)	Insertion loss (dB)	Isolation (dB) min	VSWR (max)	Forward Power (CW)	Reverse Power (CW)
RFLC101M22M45	225-450	1.0	17	1.4	100	N/A

* All spec. above in 25C degree only.

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DATE JAN 8th 2003

DESIGN RFPC

RF-LAMBDA RFPC

CAD MODEL REVISION 02-1

ASSEMBLY REVISION VS23

ASSEMBLY NAME RFLVR54

DRAWING NUMBER D02-12

RFLC101M22M45
ULTRA WIDE BAND
CIRCULATOR

www.rflambda.com

RF-LAMBDA

SIZE LT

SHEETS 1 OF 1