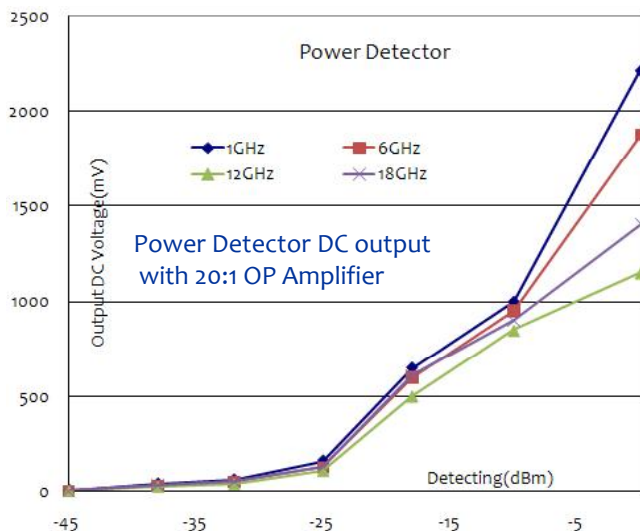




0.5-18GHz COAXIAL POWER DETECTOR

PN: RPDT0518GA

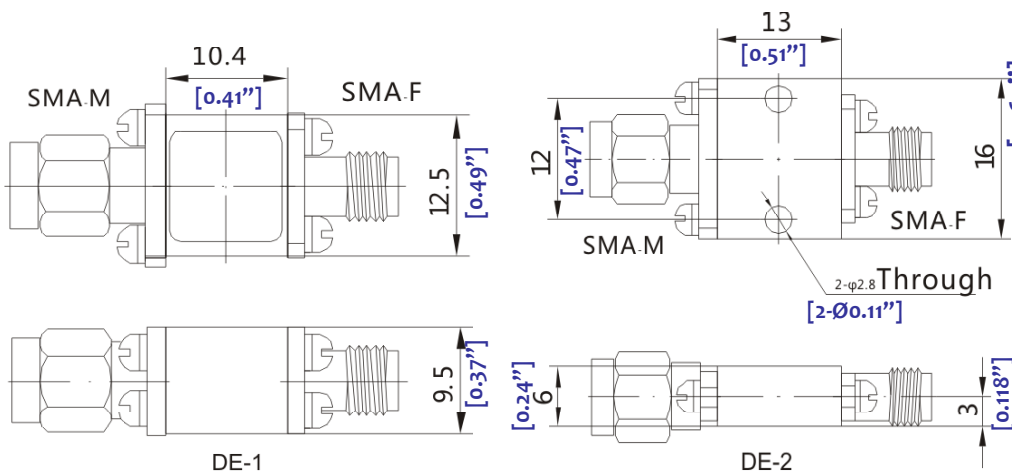
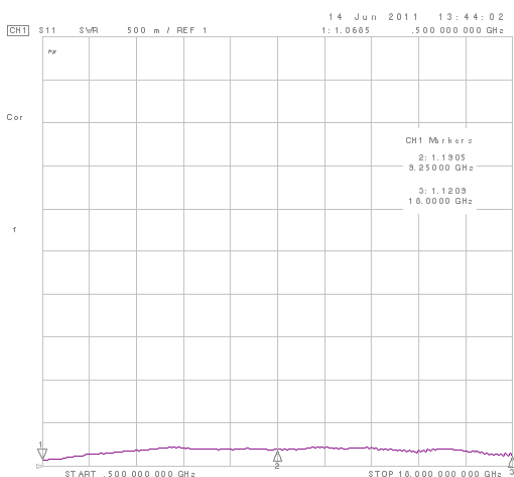
1.0 Mechanical Specifications	
1.1	Connector Type SMA(M,F)
1.2	Size SEE DRAWING
1.3	Weight 10g
1.4	External Body Finish Gold / Nickel plated laser sealed.



2.0 Environment specifications	
2.1	Operation Temp. -40°C~+85°C
2.2	Storage Temp. -55°C~+125°C
2.3	Altitude 42000 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

3.0 Electrical Specifications					
Frequency (GHz)	Power (W)	Polarity	Flatness	sensitivity	VSWR (max.)
0.5~18	0.1	Positive	+/-0.8dB	-45dBm	1.5

Statistic	Avg
VSWR	1.26
Frequency	Sensitivity (mV/uW)
500MHz	0.402
1GHz	0.387
2GHz	0.39
4GHz	0.405
8GHz	0.41
10GHz	0.393
12GHz	0.385
14GHz	0.394
16GHz	0.41
17 GHz	0.39
18GHz	0.4



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	RF-LAMBDA RFPC
	CAD MODEL REVISION 10
	ASSEMBLY REVISION VS52
	ASSEMBLY NAME RFLVR07
	DRAWING NUMBER D05-A
www.rflambda.com	
RF-LAMBDA	SIZE LT SHEETS 1 OF 1