6375 Dixie Rd Unit# 7,
Mississauga, ON L5T 2E7
Tel: (905)565-1583
Fax: (905)565-8325

Form:LCReader	Approved:J.R.	Jul-15	Ver1.0

Calibration Report part of Certificate #: **14052x**

Make	Model	Serial	Asset
Siborg Systems	LCR Reade	various	nan

Input	Min	Reading	Max	In/Out

Specificationbs -/+1%

S#1415 Ref 140520

Resistance

0 Ω	1kHz	0.03	Error %	

Values measured bellow include the residual "zero" resistance measure above

1.0053 Ω	1kHz	0.995	1.057	1.015	5.1	In
10.0071 Ω	1kHz	9.91	10.05	10.11	0.4	In
100.021 Ω	1kHz	99.0	100.2	101.0	0.2	In
0.99963 kΩ	1kHz	0.990	1.002	1.010	0.2	In
9.9891 kΩ	1kHz	9.889	9.989	10.089	0.0	In
99.972 kΩ	1kHz	99.0	100.0	101.0	0.0	In
0.9999 MΩ	1kHz	0.990	1.001	1.010	0.1	In

Capacitance

993.5 pF	10kHz	983.6	992.5	1003.4	-0.1	In
9.759 nF	10kHz	9.661	9.762	9.857	0.0	In
99.999 nF	1kHz	99.00	99.74	101.0	-0.3	In
1.0002 µF	100Hz	0.990	1.010	1.010	1.0	In
9.989 µF	100Hz	9.889	9.977	10.089	-0.1	In
100.09 µF	100Hz	99.1	100.9	101.09	0.8	In

Inductance

9.9966 mH	1kHz	9.897	10.08	10.097	0.8	In
109.88 µH	10kHz	108.8	109.2	111.0	-0.6	In

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S#2720 Ref 140521

Resistance					Error %	
0	Ω	1kHz	0.04			

Values measured bellow include the residual "zero" resistance measure above

1.0053	Ω	1kHz	0.995	1.060	1.015	5.4	In
10.0071	Ω	1kHz	9.91	10.09	10.11	0.8	In
100.021	Ω	1kHz	99.0	100.4	101.0	0.4	In
0.99963	kΩ	1kHz	0.990	1.005	1.010	0.5	In
9.9891	kΩ	1kHz	9.889	10.020	10.089	0.3	In
99.972	kΩ	1kHz	99.0	100.4	101.0	0.4	In
0.9999	MΩ	1kHz	0.990	1.005	1.010	0.5	In

Capacitance

993.5	pF	10kHz	983.6	986.1	1003.4	-0.7	In
9.759	nF	10kHz	9.661	9.706	9.857	-0.5	In
99.999	nF	1kHz	99.00	99.41	101.0	-0.6	In
1.0002	µF	100Hz	0.990	1.003	1.010	0.3	In
9.989	µF	100Hz	9.889	9.935	10.089	-0.5	In
100.09	µF	100Hz	99.1	100.4	101.09	0.3	In

Inductance

9.9966	mH	1kHz	9.897	10.07	10.097	0.7	In
109.88	µH	10kHz	108.8	109.5	111.0	-0.3	In

S#1422 Ref 140522

Resistance					Error %	
0	Ω	1kHz	0.03			

Values measured bellow include the residual "zero" resistance measure above

1.0053	Ω	1kHz	0.995	1.059	1.015	5.3	In
10.0071	Ω	1kHz	9.91	10.04	10.11	0.3	In
100.021	Ω	1kHz	99.0	100.0	101.0	0.0	In
0.99963	kΩ	1kHz	0.990	1.001	1.010	0.1	In
9.9891	kΩ	1kHz	9.889	9.990	10.089	0.0	In
99.972	kΩ	1kHz	99.0	100.0	101.0	0.0	In
0.9999	MΩ	1kHz	0.990	1.000	1.010	0.0	In

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S#1422 Ref 140522

Capacitance							
993.5	pF	10kHz	983.6	989.8	1003.4	-0.4	In
9.759	nF	10kHz	9.661	9.743	9.857	-0.2	In
99.999	nF	1kHz	99.00	99.77	101.0	-0.2	In
1.0002	µF	100Hz	0.990	1.007	1.010	0.7	In
9.989	µF	100Hz	9.889	9.972	10.089	-0.2	In
100.09	µF	100Hz	99.1	100.9	101.09	0.8	In
Inductance							
9.9966	mH	1kHz	9.897	10.02	10.097	0.2	In
109.88	µH	10kHz	108.8	108.9	111.0	-0.9	In

S#2748 Ref 140523

Resistance				Error %
0	Ω	1kHz	0.04	

Values measured bellow include the residual "zero" resistance measure above

1.0053	Ω	1kHz	0.995	1.055	1.015	4.9	In
10.0071	Ω	1kHz	9.91	10.05	10.11	0.4	In
100.021	Ω	1kHz	99.0	100.1	101.0	0.1	In
0.99963	kΩ	1kHz	0.990	1.001	1.010	0.1	In
9.9891	kΩ	1kHz	9.889	10.00	10.089	0.1	In
99.972	kΩ	1kHz	99.0	100.2	101.0	0.2	In
0.9999	MΩ	1kHz	0.990	1.001	1.010	0.1	In
Capacitance							
993.5	pF	10kHz	983.6	989.5	1003.4	-0.4	In
9.759	nF	10kHz	9.661	9.759	9.857	0.0	In
99.999	nF	1kHz	99.00	99.77	101.0	-0.2	In
1.0002	µF	100Hz	0.990	1.010	1.010	1.0	In
9.989	µF	100Hz	9.889	9.969	10.089	-0.2	In
100.09	µF	100Hz	99.1	100.8	101.09	0.7	In
Inductance							
9.9966	mH	1kHz	9.897	10.03	10.097	0.3	In
109.88	µH	10kHz	108.8	109.9	111.0	0.0	In

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S#2476 Ref old Navair unit

Resistance

0 Ω	1kHz	0.03	Error %

Values measured bellow include the residual "zero" resistance measure above

1.0053 Ω	1kHz	0.995	1.052	1.015	4.6	In
10.0071 Ω	1kHz	9.91	10.07	10.11	0.6	In
100.021 Ω	1kHz	99.0	100.0	101.0	0.0	In
0.99963 kΩ	1kHz	0.990	1.000	1.010	0.0	In
9.9891 kΩ	1kHz	9.889	9.971	10.089	-0.2	In
99.972 kΩ	1kHz	99.0	99.9	101.0	-0.1	In
0.9999 MΩ	1kHz	0.990	0.999	1.010	-0.1	In

Capacitance

993.5 pF	10kHz	983.6	993.5	1003.4	0.0	In
9.759 nF	10kHz	9.661	9.780	9.857	0.2	In
99.999 nF	1kHz	99.00	100.3	101.0	0.3	In
1.0002 µF	100Hz	0.990	1.009	1.010	0.9	In
9.989 µF	100Hz	9.889	9.988	10.089	0.0	In
100.09 µF	100Hz	99.1	100.8	101.09	0.7	In

Inductance

9.9966 mH	1kHz	9.897	10.03	10.097	0.3	In
109.88 µH	10kHz	108.8	109.4	111.0	-0.4	In