

FWS-2160

Reliability Prediction Report (MTBF)

Summary	Failure Rate: 9858.131504 ppm MTBF: 101,439 Hours
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Issue date	Approval	Test Engineer
2014/01/22	Tom Lin	Louie Lee

Reliability Prediction (MTBF)

I . Model Name: FWS-2160

II . Prediction Date: January. 22, 2014

III . Prediction Site: AAEON Q.E. Dept.

IV . Predicted by: Louie Lee

V . Equipment: Windchill Quality Solutions 10.1

VI. Simulation Environment:

- Temperature: 30 degrees C
- Standard: Telcordia (Bellcore) Standard

VII. Term and Definition:

- Unit : An assembly of device.
- Duty Cycle : Used to specify the percentage of time that the element is in an on state, and it is equal to the percentage of total time the item is in the active environment.
- Quantity : The quantity of the selected item.
- Failure Rate : Used to specify that the failure rate is to be calculated based the selected Calculation models. The Failure rate multiplier is 1000000000.
- MTBF : MTBF is always specified in hours.

VIII. Prediction Result:

FWS-2160 (9697216020-D):

- Failure Rate: 9858.131504 ppm

- MTBF: 101,439 Hours

**AAEON Reliability Prediction
Summary**

File Name: FWS-2160.rfp
Duty Cycle: 100
Calculation Model: Telcordia Issue 2
Method: Method I Case 3

Failure Rate: 9858.131504
MTBF (hrs): 101,439
Temperature: 30
Environment: GF, GU - Ground Fixed, Uncontrolled

Assembly Name	Part Number	Ref Des	Quantity	Failure Rate	MTBF
FWS-2160	9697216020-D		1	9858.131504	101,439

File Name: FWS-2160.rfp
Assembly: 9697216020-D
Ref Des:
Description:

Failure Rate: 9858.131504
MTBF (hrs): 101,439
Temperature: 30
Environment: GF, GU - Ground Fixed, Uncontrolled

Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
1050500104	Resistor	R457,R459		2.547039	2	154078778.388085
1050501224	Resistor	R443		2.547039	1	282340674.079668
1050501234	Resistor	R400		2.547039	1	282340674.079668
1050502204	Resistor	R332,R658		2.547039	2	154078778.388085
1050502734	Resistor	R237		2.547039	1	282340674.079668
1050503934	Resistor	R389		2.547039	1	282340674.079668
1050504724	Resistor	R62,R83		2.547039	2	154078778.388085
1050506224	Resistor	R43,R48,R49		2.547039	3	107020754.986850
1050510034	Resistor	R159,R391,R401, R580		2.547039	4	82309758.689546
1050512714	Resistor	R203		2.547039	1	282340674.079668
1050512734	Resistor	R599		2.547039	1	282340674.079668
1050515034	Resistor	R591		2.547039	1	282340674.079668
1050516234	Resistor	R160		2.547039	1	282340674.079668
1050516924	Resistor	R274		2.547039	1	282340674.079668
1050524004	Resistor	R191		2.547039	1	282340674.079668
1050539214	Resistor	R229,R269		2.547039	2	154078778.388085
1050539264	Resistor	R165		2.547039	1	282340674.079668
1050547004	Resistor	R410,R701,R720		2.547039	3	107020754.986850
1050549904	Resistor	R205		2.547039	1	282340674.079668
1050549924	Resistor	R273,R337,R349		2.547039	3	107020754.986850
1050559004	Resistor	R177		2.547039	1	282340674.079668
1050584524	Resistor	R333		2.547039	1	282340674.079668
1059700001	Resistor	R127,R128,R453, R454,R455,R456, R466,R477,R483, R489,R492,R495, R496,R497,R498, R509,R549,R550, R555,R558,R561, R567,R585,R586, R662		2.547039	25	14603612.751152
105A500103	Resistor	R107,R171,R241, R359		2.547039	4	82309758.689546

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105A500139	Resistor	R126,R140,R153, R164,R166,R235, R282,R283,R284, R286,R287,R288, R293,R317,R318, R319,R324,R325, R394,R411,R703,R81, R82,R85,R86		2.547039	25	14603612.751152
105A500233	Resistor	R181		2.547039	1	282340674.079668
105A500239	Resistor	R199		2.547039	1	282340674.079668
105A501039	Resistor	R101,R102,R147, R167,R168,R170, R176,R183,R184, R185,R186,R187, R190,R192,R197, R208,R212,R220, R228,R296,R306, R312,R314,R343, R345,R351,R352,R45, R460,R461,R490, R491,R51,R551, R557,R559,R573, R582,R583,R584,		2.547039	64	5858544.498073
105A501139	Resistor	R108,R121		2.547039	2	154078778.388085
105A501233	Resistor	R26		2.547039	1	282340674.079668
105A501323	Resistor	R713		2.547039	1	282340674.079668
105A501333	Resistor	R600		2.547039	1	282340674.079668
105A501539	Resistor	R109,R122,R156, R157,R381,R387, R576,R719		2.547039	8	43225424.698300

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105A502039	Resistor	R158,R592,R598		2.547039	3	107020754.986850
105A503039	Resistor	R593		2.547039	1	282340674.079668
105A503309	Resistor	R196,R200,R201,R206,R207		2.547039	5	67008142.102588
105A505103	Resistor	R134,R135		2.547039	2	154078778.388085
105A507509	Resistor	R659,R660,R661		2.547039	3	107020754.986850
105A510009	Resistor	R256,R257,R357,R358		2.547039	4	82309758.689546
105A511823	Resistor	R348		2.547039	1	282340674.079668
105A515009	Resistor	R210,R213,R217,R281,R613,R614,R633,R634,R635		2.547039	9	38754445.632391
105A524919	Resistor	R533,R535,R539,R540,R643,R644		2.547039	6	56573956.677649
105A530003	Resistor	R330,R331		2.547039	2	154078778.388085
105A533223	Resistor	R106,R129		2.547039	2	154078778.388085
105A533269	Resistor	R295,R315		2.547039	2	154078778.388085
105A551003	Resistor	R292,R327		2.547039	2	154078778.388085
105A553629	Resistor	R188		2.547039	1	282340674.079668
105A556213	Resistor	R268,R272		2.547039	2	154078778.388085
105A593103	Resistor	R123		2.547039	1	282340674.079668
105A700003	Resistor	R110,R111,R172,R179,R214,R336,R356,R520,R607		2.547039	9	38754445.632391

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105A700009	Resistor	R1,R10,R104 ,R105, R120,R161,R 162,R17, R194,R195,R 198, R202,R204,R 209, R211,R215,R 218, R222,R223,R 230, R232,R234,R 238, R240,R243,R 246, R250,R253,R 258, R259,R261,R 262, R264,R267,R 271, R276,R277,R 278, R279,R285,R 291,		2.547039	186	2054052.344852
105A700139	Resistor	R365,R382,R 385, R386,R392,R 429, R431,R433,R 469, R474,R480,R 486, R501,R502,R 503, R504,R564,R 570, R581,R589,R 590, R619,R621,R 623, R721,R723,R 801		2.547039	27	13557741.157915

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105A701039	Resistor	R124,R125,R289, R297,R355,R367, R368,R378,R402, R412,R413,R417, R421,R426,R436, R437,R438,R440, R442,R445,R446, R447,R448,R458, R462,R463,R464, R465,R493,R494, R499,R508,R510, R511,R512,R513, R514,R515,R526, R65		2.547039	55	6793153.636065
105A701053	Resistor	R65		2.547039	1	282340674.079668
105A701539	Resistor	R31,R35,R39,R470, R475,R481,R487, R565,R571		2.547039	9	38754445.632391
105A702209	Resistor	R169,R173,R175, R182,R316,R339, R340,R41,R52,R629, R630,R631,R632, R649,R75,R78		2.547039	16	22425139.809646

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105A702229	Resistor	R141,R142,R216, R219,R226,R233, R244,R245,R247, R249,R252,R300, R303,R304,R308, R341,R407,R418,R44, R47,R50,R500,R506, R507,R519,R651, R657,R663		2.547039	28	13089488.559853
105A702269	Resistor	R225,R227,R239, R251		2.547039	4	82309758.689546
105A703039	Resistor	R439		2.547039	1	282340674.079668
105A703309	Resistor	R7,R88		2.547039	2	154078778.388085
105A703329	Resistor	R32,R36,R40		2.547039	3	107020754.986850
105A703363	Resistor	R114		2.547039	1	282340674.079668
105A704729	Resistor	R369,R396,R397, R398,R409,R419, R420,R422,R423, R797		2.547039	10	35079934.879747
105A705129	Resistor	R53,R54,R56,R57, R59,R60		2.547039	6	56573956.677649
105A705139	Resistor	R711,R718		2.547039	2	154078778.388085
105A706809	Resistor	R294,R299		2.547039	2	154078778.388085
105A706829	Resistor	R441		2.547039	1	282340674.079668
105A708209	Resistor	R46,R63,R84		2.547039	3	107020754.986850
105A708229	Resistor	R112		2.547039	1	282340674.079668
105A710009	Resistor	R370,R373,R374, R375,R376,R377, R403,R404,R405, R406,R55,R556,R58, R61,R622		2.547039	15	23852782.943395
105A710039	Resistor	R254		2.547039	1	282340674.079668

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105A715009	Resistor	R11,R113,R12,R13,R14,R15,R16,R18,R19,R20,R21,R22,R23,R24,R25,R5,R6,R66,R68,R70,R71,R72,R74,R756,R776,R778,R779,R783,R787,R791,R798,R80,R802,R803,R804,R809,R89		2.547039	37	9991988.939157
105A720053	Resistor	R231,R298		2.547039	2	154078778.388085
105A733003	Resistor	R117,R118		2.547039	2	154078778.388085
105A747009	Resistor	R100		2.547039	1	282340674.079668
105A747039	Resistor	R810		2.547039	1	282340674.079668
106B501034	Resistor	RT1,RT3		7.724580	2	38596617.434771
106B701032	Resistor	RT2,RT4,RT5		7.724580	3	27814800.254496
1119633191	Capacitor	EC1,EC2,EC3,EC4		4.744484	4	45505862.704531

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1121501690	Capacitor	C1,C100,C101,C104,C106,C109,C110,C114,C115,C118,C119,C120,C125,C126,C128,C137,C138,C141,C142,C143,C146,C148,C150,C153,C155,C157,C158,C159,C160,C162,C164,C165,C166,C167,C168,C173,C176,C177,C178,C179,		1.128806	279	3128434.281775
1121610060	Capacitor	C127		1.128806	1	704977644.692287
1122522890	Capacitor	C334,C337,C346, C347		1.128806	4	196873384.410843
1124418190	Capacitor	C596,C597,C598,C599,C600,C601,C602,C603,C628,C629,C630,C631,C632,C633,C634, C635		1.128806	16	52112480.802928
1124427090	Capacitor	C324,C330,C429,C430,C431,C432,C439,C440,C441,C442,C538,C539,C548,C549		1.128806	14	59316298.011235
1124433090	Capacitor	C551,C552,C553, C554		1.128806	4	196873384.410843
1124433190	Capacitor	C58		1.128806	1	704977644.692287
1124515880	Capacitor	C219,C223		1.128806	2	375289731.076049

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1124522280	Capacitor	C209,C298,C51,C94		1.128806	4	196873384.410843
1124533190	Capacitor	C523,C525		1.128806	2	375289731.076049
1124533282	Capacitor	C7,C8,C9		1.128806	3	257514172.353070
1124547190	Capacitor	C249,C252,C507,C617,C97,C98		1.128806	6	133979725.056342
1129522650	Capacitor	C111		1.128806	1	704977644.692287
1129522790	Capacitor	C199,C200,C282,C544,C545,C546,C547		1.128806	7	115633865.771428
1129610051	Capacitor	C105,C113,C154,C161,C183,C230,C259,C289,C290,C73,C82,C83,C84,C87		1.128806	14	59316298.011235
1129610260	Capacitor	C534,C535,C536,C537,C608,C609		1.128806	6	133979725.056342
1129701790	Capacitor	C10,C12,C121,C129,C130,C131,C132,C133,C134,C135,C136,C17,C24,C264,C270,C272,C273,C274,C275,C276,C277,C278,C279,C341,C348,C383,C386,C39,C390,C393,C40,C42,C43,C475,C482,C484,C485,C486,C487,C488,C492,C493,C494,		1.128806	69	12464035.316736

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1129710090	Capacitor	C555,C556,C557, C558,C559,C560		1.128806	6	133979725.056342
1129710390	Capacitor	C220,C295		1.128806	2	375289731.076049
1129710391	Capacitor	C211,C267		1.128806	2	375289731.076049
1129722091	Capacitor	C212,C222,C228, C229,C25,C27,C280, C281		1.128806	8	101746760.035398
1169656132	Capacitor	C322,C349		4.744484	2	86049450.747498
1169656192	Capacitor	C13		4.744484	1	159663026.715137
1169682192	Capacitor	C122,C123,C124, C175,C215,C248, C296,C320,C325,C96		4.744484	10	19193879.126421
1181647112	Capacitor	C412		4.744484	1	159663026.715137
1189656196	Capacitor	C434,C443		4.744484	2	86049450.747498
11A2422190	Capacitor	C610,C613,C614, C615		1.128806	4	196873384.410843
11C1533890	Capacitor	C216,C224		1.128806	2	375289731.076049
11C4522290	Capacitor	C385,C395		1.128806	2	375289731.076049
11C4547290	Capacitor	C54,C70		1.128806	2	375289731.076049
11C9510050	Capacitor	C169,C171,C89,C95		1.128806	4	196873384.410843
11E1510050	Capacitor	C144,C152,C170, C172,C206,C231, C247,C271,C307, C308,C309,C362, C368,C397,C604, C605,C606,C67,C71		1.128806	19	44097696.883526
11E1522680	Capacitor	C619,C620,C626, C636,C637		1.128806	5	159367490.199266
11E1647650	Capacitor	C370,C371,C372, C375,C456,C474, C618,C69		1.128806	8	101746760.035398
11E2501690	Capacitor	C453,C483		1.128806	2	375289731.076049

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11E9501090	Capacitor	C116,C117,C139, C140,C145,C147, C151,C156,C184, C185,C186,C189, C195,C196,C201, C205,C208,C221, C238,C251,C253, C261,C262,C263, C266,C284,C286, C292,C293,C294,C32, C329,C34,C415,C75, C77		1.128806	36	23624151.295955
11E9501091	Capacitor	C108,C174,C198, C265,C299,C312, C318,C420,C427, C433,C435,C522, C527,C529,C590,C62		1.128806	16	52112480.802928
11E9510050	Capacitor	C11,C20,C28,C29, C37,C4,C6		1.128806	7	115633865.771428
11E9522490	Capacitor	C112,C524		1.128806	2	375289731.076049
11E9547680	Capacitor	C19,C50		1.128806	2	375289731.076049
11E9547682	Capacitor	C55		1.128806	1	704977644.692287

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11E9610080	Capacitor	C102,C107,C149, C163,C227,C304, C306,C311,C314, C317,C321,C332, C354,C367,C373, C374,C376,C377, C378,C379,C380, C381,C454,C455, C457,C458,C506,C66, C72		1.128806	29	29193260.380640
11E9622050	Capacitor	C353,C550		1.128806	2	375289731.076049
11E9622080	Capacitor	C315,C323,C333, C336,C340		1.128806	5	159367490.199266
11E9647060	Capacitor	C438		1.128806	1	704977644.692287
11E9647680	Capacitor	C103		1.128806	1	704977644.692287
121110106S	Inductor	L3	22.1	7.305531	1	104739424.377183
121110226V	Inductor	L6	20.9	7.162085	1	106837208.506044
121110226V	Inductor	L8	20.2	7.079231	1	108087615.566728
121110476V	Inductor	L11,L12,L13, L14, L15,L16		4.944252	6	30055900.223009
1211133074	Inductor	L1,L2		4.944252	2	83201062.149749
1211133076	Inductor	L9		4.944252	1	154760964.143460
1211147070	Inductor	L10		4.944252	1	154760964.143460
1212306030	Inductor	FB22,FB39,F B7,FB8		4.944252	4	43912872.424775
121230603I	Inductor	FB1,FB2		4.944252	2	83201062.149749
1212308054	Inductor	FB17,FB20		4.944252	2	83201062.149749
121231206B	Inductor	FB6		4.944252	1	154760964.143460
121231206H	Inductor	L4,L5,L7		4.944252	3	57363284.375370
12123C0003	Inductor	FB10,FB11,F B14, FB15,FB16,F B3,FB5		4.944252	7	25970990.056682
12123C000A	Inductor	FB18,FB27,F B28, FB29,FB30,F B36, FB37,FB38,F B40		4.944252	9	20443842.451049

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Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
12123C0010	Inductor	FB12,FB13,F B19, FB21,FB4,FB 9		4.944252	6	30055900.223009
12123D0001	Inductor	FB31,FB32,F B33		4.944252	3	57363284.375370
1214309006	Inductor	CH1,CH2,CH 3,CH4, CH5,CH6,CH 7,CH8		4.944252	8	22874049.098230
123132505D	Miscellaneous	Y2,Y4,Y5,Y6, Y7,Y8, Y9		19.200000	7	2747550.850695
123132505K	Miscellaneous	Y1		19.200000	1	23844262.770939
1231332726	Miscellaneous	Y3		19.200000	1	23844262.770939
1300054040	Semiconductor	D10,D11		7.793411	2	50578095.223398
1301005440	Semiconductor	D14		7.793411	1	92807310.010983
1301005447	Semiconductor	D1		7.793411	1	92807310.010983
1301053040	Semiconductor	D17,D18		7.793411	2	50578095.223398
1301400541	Semiconductor	D26		7.793411	1	92807310.010983
1301400642	Semiconductor	D19,D24		7.793411	2	50578095.223398
1304100250	Optical Device	LED1,LED3		79.003355	2	3783722.582110
1304400150	Optical Device	LED2		79.003355	1	6497172.749112
1304400500	Optical Device	PSALED1		79.003355	1	6497172.749112
1304451450	Optical Device	LED4,LED5,L ED6, LED7,LED8,L ED9		79.003355	6	1523626.609050
1305080040	Semiconductor	D2,D20,D21, D22,D23, D27,D28,D29 ,D3,D30, D4,D5,D6,D7 ,D8,D9		7.793411	16	7341618.295818
1305100541	Semiconductor	D25		7.793411	1	92807310.010983
1310390411	Semiconductor	Q9		22.463360	1	31642600.748419
1310390413	Semiconductor	Q16,Q74		22.463360	2	17315095.066101
1314111715	Semiconductor	Q1		22.463360	1	31642600.748419
1314111719	Semiconductor	Q72,Q8		22.463360	2	17315095.066101
1315190100	Semiconductor	U18,U19		22.463360	2	17315095.066101
1315230410	Semiconductor	Q39		22.463360	1	31642600.748419
1315230511	Semiconductor	Q59,Q60,Q6 1,Q62		22.463360	4	9270607.712006
1315413410	Semiconductor	Q18,Q34		22.463360	2	17315095.066101
1315443512	Semiconductor	Q33		22.463360	1	31642600.748419

File Name: FWS-2160.rfp
Assembly: 9697216020-D
Ref Des:
Description:

Failure Rate: 9858.131504
MTBF (hrs): 101,439
Temperature: 30
Environment: GF, GU - Ground Fixed, Uncontrolled

Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
1315700211	Semiconductor	Q47,Q48,Q49,Q50,Q51,Q52,Q53,Q54,Q55,Q56,Q57,Q58,Q66,Q67,Q68,Q69		22.463360	16	2533798.883137
1315700217	Semiconductor	Q17,Q19,Q2,Q20,Q21,Q22,Q23,Q24,Q25,Q26,Q27,Q28,Q29,Q3,Q30,Q31,Q32,Q35,Q36,Q37,Q38,Q4,Q40,Q41,Q42,Q43,Q44,Q5,Q6,Q63,Q64,Q65,Q7,Q70,Q71,Q73,Q75		22.463360	37	1130263.415305
1315762010	Semiconductor	Q11,Q46		22.463360	2	17315095.066101
1315831310	Semiconductor	Q10,Q12,Q13,Q15,Q45		22.463360	5	7551839.591592
14400T24L0	Integrated Circuit	U6	35.2	87.561775	1	5872566.333252
14S3003700	Integrated Circuit	TF1,TF2,TF3,TF4,TF5,TF6		43.803003	6	2750969.191556
14S3020901	Integrated Circuit	U30		43.803003	1	11739202.588727
14S3112300	Integrated Circuit	U27		43.803003	1	11739202.588727
14S3112400	Integrated Circuit	U3		43.803003	1	11739202.588727
14S3121600	Integrated Circuit	U4		43.803003	1	11739202.588727
14S3838000	Integrated Circuit	U8		43.803003	1	11739202.588727
14S3973100	Integrated Circuit	U11	22.9	197.605412	1	2602217.847750
14S3973100	Integrated Circuit	U9	27.4	259.244485	1	1983503.446836
14S4021301	Integrated Circuit	U34,U35		43.803003	2	6834791.244197
14S4033002	Integrated Circuit	U1		43.803003	1	11739202.588727
14S4081102	Integrated Circuit	U32		43.803003	1	11739202.588727
14S4519500	Integrated Circuit	U33		43.803003	1	11739202.588727
14S4811102	Integrated Circuit	U20,U21,U22,U23,U28,U29		43.803003	6	2750969.191556
14S4872800	Integrated Circuit	U24		43.803003	1	11739202.588727
14S4A50M00	Integrated Circuit	U7	32.4	347.544623	1	1479557.716121
14S5912300	Integrated Circuit	U36		26.018600	1	25551442.237972
14S6203204	Integrated Circuit	U12		11.063278	1	58231413.220643

File Name: FWS-2160.rfp
Assembly: 9697216020-D
Ref Des:
Description:

Failure Rate: 9858.131504
MTBF (hrs): 101,439
Temperature: 30
Environment: GF, GU - Ground Fixed, Uncontrolled

Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
14S6334607	Integrated Circuit	U14,U15,U16 ,U17, U25,U26		11.063278	6	12335628.727423
14S82032A3	Integrated Circuit	U31		26.018600	1	25551442.237972
1540710280	Resistor	RP6		9.971436	1	51606907.671214
1540722085	Resistor	RP1,RP2,RP3 ,RP4, RP5		9.971436	5	14126297.426094
1540722281	Resistor	RP11		9.971436	1	51606907.671214
1540733085	Resistor	RP12		9.971436	1	51606907.671214
1540775082	Resistor	RP10,RP13,R P14,RP7, RP8,RP9		9.971436	6	12090001.526571
1601110201	Connection	SW2		16.184835	1	35685591.360212
1601615600	Connection	SW1		16.184835	1	35685591.360212
16515C049A	Connection	DIMM1,DIM M2		16.184835	2	20390152.380746
165251220B	Connection	CN21,CN22,C N23, CN24,CN25,C N26		16.184835	6	7958792.615968
1653003101	Connection	CN13,CN20,C N3		16.184835	3	14515880.849373
1653003201	Connection	BPLED1		16.184835	1	35685591.360212
165300420F	Connection	CN18		16.184835	1	35685591.360212
1653004213	Connection	CN12		16.184835	1	35685591.360212
1653005205	Connection	CN17		16.184835	1	35685591.360212
1653005207	Connection	CN5		16.184835	1	35685591.360212
1653008100	Connection	CN15		16.184835	1	35685591.360212
1653012201	Connection	CN4		16.184835	1	35685591.360212
165320520Y	Connection	COM1,USB1, USB2, USB3		16.184835	4	11344857.509064
165320820B	Connection	VGA1		16.184835	1	35685591.360212
1653212100	Connection	CN19		16.184835	1	35685591.360212
1653300107	Connection	CN13(1-2), CN20(1- 2),CN3(2-3)		16.184835	3	14515880.849373
1653900038	Connection	CN2		16.184835	1	35685591.360212
165392521H	Connection	CN2		16.184835	1	35685591.360212
1654226307	Connection	CN11,CN14		16.184835	2	20390152.380746
165440910B	Connection	COM2		16.184835	1	35685591.360212
1654808309	Connection	USB4		16.184835	1	35685591.360212
1654903900	Connection	CN10		16.184835	1	35685591.360212
1654907004	Connection	SATA1,SATA 2,SATA3, SATA4		16.184835	4	11344857.509064
1655004011	Connection	CN6,CN7,CN 8,CN9		16.184835	4	11344857.509064

File Name: FWS-2160.rfp
Assembly: 9697216020-D
Ref Des:
Description:

Failure Rate: 9858.131504
MTBF (hrs): 101,439
Temperature: 30
Environment: GF, GU - Ground Fixed, Uncontrolled

Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
1655004014	Connection	SYSFAN1,SY SFAN2		16.184835	2	20390152.380746
1655404020	Connection	CN16		16.184835	1	35685591.360212
1750113010	Miscellaneous	BT1		306.000000	1	1681683.006787
1750220326	Connection	BT1		16.184835	1	35685591.360212
1751300005	Relay	RELAY1,REL AY10, RELAY11,REL AY12, RELAY13,REL AY14, RELAY15,REL AY16, RELAY2,REL AY3, RELAY4,REL AY5, RELAY6,REL AY7, RELAY8,REL AY9		19.477355	16	2689762.931351
1752015000	Miscellaneous	F1,F2,F3,F4, F6		2.400000	5	65101085.623547
1752310000	Miscellaneous	F5		2.400000	1	254626042.602335