

GENE-APL6

Reliability Prediction Report (MTBF)

Summary	Failure Rate: 7764.416160 MTBF: 128,793 Hours
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Issue date	QE Manager	Test Engineer
2018-01-17	KJ Wang	Jack Huang

Reliability Prediction (MTBF)

I . Model Name: GENE-APL6

II . Prediction Date: Jan 17th, 2018

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

IV . Predicted by: Jack Huang

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:

GENE-APL6 (M/B: 9697APL604-D):

- Failure Rate: 7764.416160

- MTBF: 128,793 Hours

File Name: GENE-APL6.rfp
Assembly: 9697APL604-D
Ref Des:
Description:

Failure Rate: 7764.416160
MTBF (hrs): 128,793
Temperature: 30
Environment: GF, GU - Ground Fixed, Uncontrolled

Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
1050501004	Resistor	R443,R445,R476, R482,R485,R487, R491,R495,R500, R503		2.547039	10	35079934.879747
1050501514	Resistor	R147,R148,R74		2.547039	3	107020754.986850
1050502004	Resistor	R106,R107,R115, R366,R466,R467, R468,R469		2.547039	8	43225424.698300
1050502234	Resistor	R216		2.547039	1	282340674.079668
1050502734	Resistor	R343		2.547039	1	282340674.079668
1050504724	Resistor	R52		2.547039	1	282340674.079668
1050505124	Resistor	R249,R309		2.547039	2	154078778.388085
1050505134	Resistor	R589,R590,R591		2.547039	3	107020754.986850
1050507524	Resistor	R290		2.547039	1	282340674.079668
1050508224	Resistor	R583		2.547039	1	282340674.079668
1050510004	Resistor	R13,R14,R17,R190, R196,R226,R278, R281,R293,R297, R497,R528,R552, R554		2.547039	14	25477245.255648
1050510014	Resistor	R50,R53		2.547039	2	154078778.388085
1050510024	Resistor	R244,R246,R308		2.547039	3	107020754.986850
1050510504	Resistor	R70,R72		2.547039	2	154078778.388085
1050511304	Resistor	R432		2.547039	1	282340674.079668
1050512104	Resistor	R450		2.547039	1	282340674.079668
1050512424	Resistor	R221		2.547039	1	282340674.079668
1050513034	Resistor	R225		2.547039	1	282340674.079668
1050520004	Resistor	R100,R108,R149		2.547039	3	107020754.986850
1050520014	Resistor	R357		2.547039	1	282340674.079668
1050520034	Resistor	R142,R647,R670,R71		2.547039	4	82309758.689546
1050528734	Resistor	R231		2.547039	1	282340674.079668
1050533034	Resistor	R104		2.547039	1	282340674.079668
1050536514	Resistor	R328,R330,R331, R345,R346		2.547039	5	67008142.102588
1050540204	Resistor	R137,R439,R93		2.547039	3	107020754.986850

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Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
1050541224	Resistor	R510		2.547039	1	282340674.079668
1050549924	Resistor	R279		2.547039	1	282340674.079668
1050561934	Resistor	R113		2.547039	1	282340674.079668
1050568124	Resistor	R12		2.547039	1	282340674.079668
1050588724	Resistor	R180		2.547039	1	282340674.079668
1050700002	Resistor	R682		2.547039	1	282340674.079668
1050700004	Resistor	R109,R110,R 111, R134,R158,R 161, R172,R177,R 179, R181,R184,R 185, R186,R187,R 188, R192,R195,R 197, R213,R230,R 235, R241,R247,R 252, R267,R28,R2 86,R291, R292,R342,R 35,R358, R39,R390,R3 94,R40, R409,R410,R 417,R42, R421,R429,R 435, R436,R438,R 440, R441,R448,R 452,		2.547039	83	4542343.752032
1050701004	Resistor	R32		2.547039	1	282340674.079668

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1050701034	Resistor	R1,R10,R11, R116, R117,R124,R 125, R126,R133,R 150, R151,R152,R 156, R163,R169,R 173, R175,R178,R 18,R199, R207,R210,R 22,R238, R240,R255,R 259, R263,R265,R 280, R284,R296,R 306, R307,R311,R 312, R317,R319,R 320, R321,R322,R 323, R326,R332,R 335, R336,R338,R 34,R340, R3		2.547039	132	2879859.008415

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1050701044	Resistor	R118,R132,R135, R138,R139,R201, R203,R205,R209, R214,R254,R256, R257,R299,R300, R303,R304,R313, R368,R371,R372, R374,R375,R377, R379,R380,R381, R382,R388,R391, R399,R405,R418, R420,R425,R430, R433,R434,R437, R442,R447,R488, R530,R576,R604, R607,R624,R633,		2.547039	52	7175195.948130
1050710014	Resistor	R176,R19,R2,R222, R243,R277,R288,R3, R315,R316,R369, R376,R383,R384, R472,R473,R481, R499,R54,R566,R570, R678,R680,R77,R78, R82,R99		2.547039	27	13557741.157915

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1050747014	Resistor	R119,R120,R127, R153,R157,R191, R220,R23,R233,R30, R325,R333,R337, R363,R408,R422, R426,R427,R486, R489,R660,R661		2.547039	22	16518584.576317
1053500282	Resistor	R470		2.547039	1	282340674.079668
1053500489	Resistor	R61		2.547039	1	282340674.079668
1054508099	Resistor	R364		2.547039	1	282340674.079668
1059501521	Resistor	R302		2.547039	1	282340674.079668
1059520001	Resistor	R318		2.547039	1	282340674.079668
1059700001	Resistor	R15		2.547039	1	282340674.079668
1059701001	Resistor	R31		2.547039	1	282340674.079668
1059710001	Resistor	R339		2.547039	1	282340674.079668
105A500103	Resistor	R460		2.547039	1	282340674.079668
105A501003	Resistor	R479,R593		2.547039	2	154078778.388085
105A501033	Resistor	R103		2.547039	1	282340674.079668
105A501139	Resistor	R509		2.547039	1	282340674.079668
105A501829	Resistor	R262,R266		2.547039	2	154078778.388085
105A502039	Resistor	R224,R274,R276, R310,R348,R349,R51		2.547039	7	48991237.965885
105A502263	Resistor	R223,R475		2.547039	2	154078778.388085
105A502839	Resistor	R89		2.547039	1	282340674.079668
105A503039	Resistor	R622		2.547039	1	282340674.079668
105A505109	Resistor	R162,R550,R551, R553		2.547039	4	82309758.689546
105A507509	Resistor	R271,R272,R273		2.547039	3	107020754.986850
105A507533	Resistor	R105		2.547039	1	282340674.079668
105A510733	Resistor	R298		2.547039	1	282340674.079668
105A512123	Resistor	R16		2.547039	1	282340674.079668
105A516903	Resistor	R531		2.547039	1	282340674.079668
105A518229	Resistor	R534		2.547039	1	282340674.079668
105A524963	Resistor	R451		2.547039	1	282340674.079668
105A528709	Resistor	R532		2.547039	1	282340674.079668
105A538323	Resistor	R505		2.547039	1	282340674.079668
105A540269	Resistor	R355,R356		2.547039	2	154078778.388085
105A549919	Resistor	R650,R655		2.547039	2	154078778.388085
105A560469	Resistor	R146		2.547039	1	282340674.079668

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105A584563	Resistor	R533		2.547039	1	282340674.079668
105A700003	Resistor	R121,R122,R145, R200,R206,R237, R242,R268,R295, R334,R359,R431, R461,R492,R511, R512,R577,R580, R598,R635,R676,R73, R85,R92,R96		2.547039	25	14603612.751152
105A701059	Resistor	R215,R248,R250,R44, R666,R668		2.547039	6	56573956.677649
105A701069	Resistor	R102		2.547039	1	282340674.079668
105A702229	Resistor	R218,R219,R229, R236,R314,R36, R367,R456,R462, R463,R478,R480, R483,R514,R515, R516,R517,R640, R644,R94,R95		2.547039	21	17274945.076062
105A703309	Resistor	R189,R194,R198, R24,R27,R270,R275, R285,R287,R294, R38,R41,R45,R47		2.547039	14	25477245.255648
105A703329	Resistor	R561,R562,R564, R568,R571,R572, R582,R584		2.547039	8	43225424.698300
105A704763	Resistor	R631		2.547039	1	282340674.079668
105A705139	Resistor	R395,R396,R397, R398,R413,R414, R415,R416		2.547039	8	43225424.698300
105A706829	Resistor	R260,R261		2.547039	2	154078778.388085

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105A708229	Resistor	R324,R327		2.547039	2	154078778.388085
105A711043	Resistor	R227		2.547039	1	282340674.079668
105A733009	Resistor	R193,R20,R208,R21,R538,R555,R56,R59,R60		2.547039	9	38754445.632391
105A747009	Resistor	R264,R351		2.547039	2	154078778.388085
105B701039	Resistor	R128,R129,R131,R141,R159,R477,R508,R618		2.547039	8	43225424.698300
1121501680	Capacitor	C308,C309,C313,C336		1.128806	4	196873384.410843
1121501690	Capacitor	C1,C119,C138,C139,C143,C147,C149,C150,C16,C165,C166,C170,C175,C177,C180,C181,C182,C183,C187,C188,C189,C190,C191,C192,C193,C194,C196,C197,C203,C208,C210,C213,C215,C216,C217,C218,C221,C223,C225,C230,C233,C234,C236,C238,C242,C243,C244,C245,C24		1.128806	187	4652369.054880
1121533480	Capacitor	C505		1.128806	1	704977644.692287
1124418090	Capacitor	C154,C155,C74,C90		1.128806	4	196873384.410843
1124420090	Capacitor	C231,C232		1.128806	2	375289731.076049
1124427090	Capacitor	C506,C509,C521,C522		1.128806	4	196873384.410843

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1124433090	Capacitor	C257,C265,C430		1.128806	3	257514172.353070
1124433190	Capacitor	C273		1.128806	1	704977644.692287
1124468090	Capacitor	C274		1.128806	1	704977644.692287
1124522190	Capacitor	C512		1.128806	1	704977644.692287
1124522290	Capacitor	C327,C362,C407, C422		1.128806	4	196873384.410843
1124547190	Capacitor	C176,C185,C186,C3,C32,C36,C37,C4,C445,C446,C467,C5,C6,C7,C8,C9		1.128806	16	52112480.802928
1124547290	Capacitor	C214,C415		1.128806	2	375289731.076049
1129522790	Capacitor	C290,C291,C442		1.128806	3	257514172.353070
1129601080	Capacitor	C219		1.128806	1	704977644.692287
1129610080	Capacitor	C198,C200,C201,C202,C209,C220,C222,C224,C228,C229,C253,C289,C29,C302,C303,C304,C306,C316,C317,C319,C320,C332,C346,C392,C404,C431,C456,C489,C498,C525,C532,C533,C536,C538, C540		1.128806	35	24285352.591796
1129701790	Capacitor	C11,C12,C13,C14,C146,C269,C270,C275,C375,C376,C397,C405,C410,C486,C511		1.128806	15	55479656.844874

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1129710090	Capacitor	C22,C258,C259,C260,C266,C267,C268, C315		1.128806	8	101746760.035398
1181633193	Capacitor	C23		4.744484	1	159663026.715137
1184612192	Capacitor	TC2		4.744484	1	159663026.715137
1189615154	Capacitor	TC10,TC3,TC4,TC9		4.744484	4	45505862.704531
118A6221B0	Capacitor	TC5,TC6		4.744484	2	86049450.747498
118C6331B0	Capacitor	TC1,TC7,TC8		4.744484	3	59399119.141203
11A4410194	Capacitor	C15,C20,C212,C226,C24,C26,C285,C296, C513		1.128806	9	90863428.080946
11A4410241	Capacitor	C158,C206,C207,C241,C247,C248,C249,C250,C310,C83		1.128806	10	82101057.548118
11A4415231	Capacitor	C490		1.128806	1	704977644.692287
11C1501030	Capacitor	C116		1.128806	1	704977644.692287
11C1539841	Capacitor	C492,C497		1.128806	2	375289731.076049
11C4501650	Capacitor	C284		1.128806	1	704977644.692287
11C4510480	Capacitor	C153,C374,C379,C425,C482		1.128806	5	159367490.199266
11C4522240	Capacitor	C402		1.128806	1	704977644.692287
11C4533380	Capacitor	C436		1.128806	1	704977644.692287
11C5501530	Capacitor	C271,C295		1.128806	2	375289731.076049
11C5547660	Capacitor	C34,C341,C35		1.128806	3	257514172.353070
11E1510050	Capacitor	C239,C294		1.128806	2	375289731.076049
11E1522680	Capacitor	C280,C314,C335		1.128806	3	257514172.353070
11E2501080	Capacitor	C444		1.128806	1	704977644.692287
11E2501690	Capacitor	C17,C255,C272,C31,C329,C450,C493, C548		1.128806	8	101746760.035398
11E2510010	Capacitor	C256,C448,C54,C63,C70,C71		1.128806	6	133979725.056342
11E2522060	Capacitor	C172,C204,C205,C338,C342,C356,C38, C39		1.128806	8	101746760.035398
11E4547610	Capacitor	C408		1.128806	1	704977644.692287
11E9501090	Capacitor	C135		1.128806	1	704977644.692287

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11E9547680	Capacitor	C441,C449		1.128806	2	375289731.076049
11E9622052	Capacitor	C184,C357,C417, C421		1.128806	4	196873384.410843
11E9622080	Capacitor	C115,C121,C125, C126,C127,C128, C134,C136,C137, C140,C141,C145, C151,C152,C160, C162,C163,C211,C41, C42,C420,C423,C427, C43,C434,C438,C44, C440,C455,C457, C458,C46,C47,C473, C48,C480,C49,C50, C502,C503,C51,C514, C515,C52,C523,C53, C55,C58,C59,C62, C89		1.128806	51	16783130.571525
11E9647690	Capacitor	C118,C132,C164, C169		1.128806	4	196873384.410843
11EA610040	Capacitor	C124		1.128806	1	704977644.692287
11EA610120	Capacitor	C122,C123,C413, C418		1.128806	4	196873384.410843
11EA647010	Capacitor	C129,C130,C131		1.128806	3	257514172.353070

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11EB501040	Capacitor	C100,C101,C102, C103,C104,C105, C106,C107,C108, C109,C110,C111, C112,C113,C117, C120,C142,C144, C156,C157,C18,C21, C227,C235,C237, C261,C262,C264, C281,C283,C286, C287,C288,C292, C326,C330,C331, C369,C371,C372, C384,C454,C459, C462,C535,C544, C546,C56,C60		1.128806	74	11633550.234602
11EB522011	Capacitor	C195,C495,C496		1.128806	3	257514172.353070
11EB522640	Capacitor	C429,C461		1.128806	2	375289731.076049
11EB547740	Capacitor	C451,C531		1.128806	2	375289731.076049
11EB610050	Capacitor	C10,C133,C148,C161, C168,C2,C298,C30, C311,C324,C328, C365,C381,C443, C447,C483,C516, C550,C551		1.128806	19	44097696.883526
121110156Z	Inductor	L2		4.944252	1	154760964.143460
121110226X	Inductor	L5		4.944252	1	154760964.143460
1211102272	Inductor	L8		4.944252	1	154760964.143460
121110477A	Inductor	L12,L3,L4,L6, L7		4.944252	5	35631881.582999

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1211122076	Inductor	L1		4.944252	1	154760964.143460
1211147078	Inductor	L13		4.944252	1	154760964.143460
1211202700	Inductor	L10,L11,L9		4.944252	3	57363284.375370
1212308054	Inductor	FB26,FB28		4.944252	2	83201062.149749
12123A000E	Inductor	FB21,FB5,FB7,FB8		4.944252	4	43912872.424775
12123C000A	Inductor	FB10,FB16,FB17,FB18,FB20,FB22,FB23,FB31,FB6		4.944252	9	20443842.451049
12123C0031	Inductor	FB24,FB25,FB27,FB29,FB9		4.944252	5	35631881.582999
12123D0009	Inductor	FB1,FB11,FB12,FB13,FB14,FB15,FB2,FB3,FB4		4.944252	9	20443842.451049
1214109000	Inductor	CH3,CH4		4.944252	2	83201062.149749
1214109009	Inductor	CH1,CH10,CH11,CH12,CH2,CH5,CH6,CH7,CH8,CH9		4.944252	10	18485101.557872
12310025A2	Miscellaneous	Y5,Y6		19.200000	2	8854051.752197
12310027A3	Miscellaneous	Y3		19.200000	1	23844262.770939
12310192A0	Miscellaneous	Y2		19.200000	1	23844262.770939
1231332726	Miscellaneous	Y1		19.200000	1	23844262.770939
12330024A1	Miscellaneous	Y4		19.200000	1	23844262.770939
1300414848	Semiconductor	D14,D16		7.793411	2	50578095.223398
1301003440	Semiconductor	D18,D19		7.793411	2	50578095.223398
1301005444	Semiconductor	D11,D9		7.793411	2	50578095.223398
1301010400	Semiconductor	D21		7.793411	1	92807310.010983
1301013040	Semiconductor	D22		7.793411	1	92807310.010983
1301020400	Semiconductor	D8		7.793411	1	92807310.010983
1301053040	Semiconductor	D20		7.793411	1	92807310.010983
1301400642	Semiconductor	D1		7.793411	1	92807310.010983
1301793040	Semiconductor	D12,D17,D3		7.793411	3	35106858.962001
1302052320	Semiconductor	D2		7.793411	1	92807310.010983
1304000043	Optical Device	LED2		79.003355	1	6497172.749112
1304300140	Optical Device	LED1		79.003355	1	6497172.749112
1304500240	Optical Device	LED3		79.003355	1	6497172.749112

File Name: GENE-APL6.rfp
Assembly: 9697APL604-D
Ref Des:
Description:

Failure Rate: 7764.416160
MTBF (hrs): 128,793
Temperature: 30
Environment: GF, GU - Ground Fixed, Uncontrolled

Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
130505ESD0	Semiconductor	U14,U15,U16 ,U18, U32,U35,U37 ,U40, U42,U45,U58 ,U59, U60,U61,U62 ,U63, U70,U71,U72		7.793411	19	6225751.500036
13055VCSP0	Semiconductor	D10,D13,D15 ,D4,D5, D6,D7		7.793411	7	16052497.121446
1310390413	Semiconductor	Q1,Q19		22.463360	2	17315095.066101
1311390612	Semiconductor	Q26,Q36		22.463360	2	17315095.066101
13150123N0	Semiconductor	Q28,Q38		22.463360	2	17315095.066101
1315013810	Semiconductor	Q13		22.463360	1	31642600.748419
1315015530	Semiconductor	Q54,Q55,Q5 6		22.463360	3	12043329.789539
1315036640	Semiconductor	Q15,Q34,Q4 1		22.463360	3	12043329.789539
1315066810	Semiconductor	Q9		22.463360	1	31642600.748419
1315076780	Semiconductor	Q49,Q59		22.463360	2	17315095.066101
1315230114	Semiconductor	Q16,Q20,Q2 1,Q27, Q33,Q53		22.463360	6	6378891.324740
1315443512	Semiconductor	Q45,Q46,Q5 0		22.463360	3	12043329.789539
1315700216	Semiconductor	Q10,Q22,Q4		22.463360	3	12043329.789539
1315720010	Semiconductor	Q8		22.463360	1	31642600.748419
1315EM6K10	Semiconductor	Q11,Q12,Q1 4,Q17, Q18,Q2,Q23, Q24,Q25, Q29,Q3,Q30, Q31,Q35, Q37,Q39,Q4 0,Q42, Q43,Q47,Q4 8,Q5,Q51, Q52,Q57,Q5 8,Q6,Q7		22.463360	28	1480152.238474
1315EMB090	Semiconductor	Q44		22.463360	1	31642600.748419
1430034250	Integrated Circuit	U46		43.803003	1	11739202.588727
1430053250	Integrated Circuit	U13		43.803003	1	11739202.588727
1430087620	Integrated Circuit	U11		43.803003	1	11739202.588727
1430097420	Integrated Circuit	U57,U66		43.803003	2	6834791.244197
1430532190	Integrated Circuit	U5		43.803003	1	11739202.588727
143117ADJ0	Integrated Circuit	U28		43.803003	1	11739202.588727
1436509421	Integrated Circuit	U7		43.803003	1	11739202.588727
143ALC8920	Integrated Circuit	U2		43.803003	1	11739202.588727

File Name: GENE-APL6.rfp
Assembly: 9697APL604-D
Ref Des:
Description:

Failure Rate: 7764.416160
MTBF (hrs): 128,793
Temperature: 30
Environment: GF, GU - Ground Fixed, Uncontrolled

Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
143AZC1990	Integrated Circuit	U68,U69		43.803003	2	6834791.244197
1440002130	Integrated Circuit	U27,U47		43.803003	2	6834791.244197
1440211AT0	Integrated Circuit	U49,U50		43.803003	2	6834791.244197
14407517A1	Integrated Circuit	U19		43.803003	1	11739202.588727
1440819661	Integrated Circuit	U73		43.803003	1	11739202.588727
1440N33500	Integrated Circuit	U34		21.706765	1	23689035.791249
1462001280	Integrated Circuit	U10		11.063278	1	58231413.220643
146900000C	Integrated Circuit	U39		43.803003	1	11739202.588727
1490034600	Integrated Circuit	U38,U9		43.803003	2	6834791.244197
14909665T0	Integrated Circuit	U23		43.803003	1	11739202.588727
149F759140	Integrated Circuit	U24,U30		43.803003	2	6834791.244197
149TB01040	Integrated Circuit	U8		43.803003	1	11739202.588727
14S1035803	Integrated Circuit	U3		43.803003	1	11739202.588727
14S3009900	Integrated Circuit	U53,U54,U55 ,U56, U67		43.803003	5	3214211.402100
14S3128422	Integrated Circuit	U44		43.803003	1	11739202.588727
14S3378900	Integrated Circuit	U21		43.803003	1	11739202.588727
14S3520500	Integrated Circuit	U22		43.803003	1	11739202.588727
14S3524700	Integrated Circuit	U48		43.803003	1	11739202.588727
14S3524701	Integrated Circuit	U36		43.803003	1	11739202.588727
14S4600004	Integrated Circuit	U17		43.803003	1	11739202.588727
14S4814380	Integrated Circuit	U25,U26		43.803003	2	6834791.244197
14S5A00704	Integrated Circuit	U29		26.018600	1	25551442.237972
14S5A00821	Integrated Circuit	U31,U41,U6		26.018600	3	9949526.289768
14S5A30601	Integrated Circuit	U4,U51		26.018600	2	14194252.866846
1540722281	Resistor	RP1		9.971436	1	51606907.671214
16515A2990	Connection	DIMM1		16.184835	1	35685591.360212
1652602105	Connection	CN3		16.184835	1	35685591.360212
1652814205	Connection	CN23,CN24		16.184835	2	20390152.380746
165300310G	Connection	JP10,JP4,JP7 ,JP8, JP9		16.184835	5	9343344.843761
165300320K	Connection	JP2,JP3,JP5,J P6		16.184835	4	11344857.509064
165300520X	Connection	JP1		16.184835	1	35685591.360212
165321320Q	Connection	CN16		16.184835	1	35685591.360212
1653300107	Connection	JP2(3-4),JP3 (3-4), JP5(2- 4),JP5(3-5), JP6(2-4),JP6 (3-5)		16.184835	6	7958792.615968
165330010E	Connection	JP4(2-3),JP7 (2-3), JP8(2- 3),JP9(2-3)		16.184835	4	11344857.509064
165330010G	Connection	JP10(1-2)		16.184835	1	35685591.360212
1653926211	Connection	CN11		16.184835	1	35685591.360212
1654030003	Connection	CN13,CN18		16.184835	2	20390152.380746
1654226308	Connection	CN7		16.184835	1	35685591.360212

File Name: GENE-APL6.rfp
Assembly: 9697APL604-D
Ref Des:
Description:

Failure Rate: 7764.416160
MTBF (hrs): 128,793
Temperature: 30
Environment: GF, GU - Ground Fixed, Uncontrolled

Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
1654400910	Connection	CN27		16.184835	1	35685591.360212
1654415308	Connection	CN30		16.184835	1	35685591.360212
1654801832	Connection	CN26		16.184835	1	35685591.360212
1654900800	Connection	CN14		16.184835	1	35685591.360212
165490700G	Connection	CN4		16.184835	1	35685591.360212
1655003016	Connection	CN5		16.184835	1	35685591.360212
1655003028	Connection	CN1		16.184835	1	35685591.360212
1655302025	Connection	CN2		16.184835	1	35685591.360212
1655305025	Connection	CN17,CN21		16.184835	2	20390152.380746
1655805033	Connection	CN19,CN20		16.184835	2	20390152.380746
1655807030	Connection	CN15		16.184835	1	35685591.360212
1655902034	Connection	CN28		16.184835	1	35685591.360212
1655909034	Connection	CN10,CN8,C N9		16.184835	3	14515880.849373
1655909035	Connection	CN22		16.184835	1	35685591.360212
1655910032	Connection	CN6		16.184835	1	35685591.360212
1655912032	Connection	CN12		16.184835	1	35685591.360212
175011301C	Miscellaneous	CN28		306.000000	1	1681683.006787
1752000501	Miscellaneous	FS2,FS3		2.400000	2	143944727.196625
1752001603	Miscellaneous	FS1,FS4		2.400000	2	143944727.196625
175910000B	Connection	BZ1		16.184835	1	35685591.360212