



To Failure Report

Report NO.: M-F00080

Part Number: CJWT039SN25MK

Package Type: TO-247-A

1. Reliability Test Method And Description

Stress Test Item:	RB
Test Duration (Hours):	100
Sample Q'ty (Pcs):	7
Failure Q'ty (Pcs):	0
Total Device Hours (Hrs):	700
Accelerated Temp. (Ta)(°C):	50
Normal Operation Temp. (Tu)(°C):	5
Eactivation Energy (Ea):	7
K (Boltzmanns Constant):	E-5 eV/°K
Chi-Square Constant @confidence level:60% (chi):	33
Chi-Square Constant @confidence level:90% (chi):	05

Acceleration Factor

Tu	55°C	85°C	5°C	150°C
Af	259.2	32.6	3	1.0

2. Results(Use Conditions Tu=55°C & confidence level: 60%)

Failure Rate FIT (@Operation Condition):		FIT
Mean Time to Failure (MTTF):	8668504	Hours
	990	Years