

Approved : Koji Todo  
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No.	Test Item	Testing conditions	Conditions of acceptability	Number of samples	Number of failures
1	Heat cycle test	(1) -40°C~125°C, 30 minutes each (2) 1800 cycles	(1) No degradation of electric characteristics after test.	1	ok
2	High temperature/ High humidity bias test	(1) Ta=85°C, RH=85% (2) Input AC200V (3) Load 0% (4) 1000 hours	(1) No degradation of electric characteristics after test.	1	ok
3	Vibration test	(1) f=10~150Hz, 23.5m/s <sup>2</sup> (2.4G) (2) 3 minutes period (3) 60 minutes each along X, Y and Z axis	(1) No degradation of electric characteristics after test. (2) No crack at solder joint. (3) No marked damage of appearance.	1	ok
4	Impact test	(1) 235.4m/s <sup>2</sup> (24G), 11ms (2) Once each X, Y and Z axis	(1) No degradation of electric characteristics after test. (2) No crack at solder joint. (3) No marked damage of appearance.	1	ok
5	Static electricity immunity test	(1) Applied voltage ±8kV (2) At rated input and load	(1) No protection circuit failure. (2) No output voltage drop with control circuit failure. (3) No any other function failure.	1	ok