Item Test	Conditions	Reference
1. Solder Resistance	at 260±5℃ for 10±2sec. immerse body into solder 1/16"±1/32"	MIL-STD-750D METHOD-2031
2. Solder ability	at 245±5℃ for 5 sec.	MIL-STD-202F METHOD-208
3. Pull test	1Kg in axial lead direction for 10 sec.	MIL-STD-750D METHOD-2036
4. Bend Lead	0.5Kg weight applied to each lead bending arc 90° ±5° for 3 times.	MIL-STD-750D METHOD-2036
5. High Temperature Reverse Bias	VR=80% rate at TA=100℃ for 1000 hrs.	MIL-STD-750D METHOD-1026
6. Forward Operation Life	Rated average rectifier current at T=25℃ for 500hrs.	MIL-STD-750D METHOD-1027
7. Intermittent Operation Life	On state: TJ=125℃~175℃ with rated IRMS power for 5 min. off state: TJ=TA+15℃ with cool forced air, on and off for 1000 cycles.	MIL-STD-750D METHOD-1036
8. Pressure Cooker	15PSIG at TA=121℃ for 4 hrs.	
9. Temperature Cycling	-55℃ to +125℃ dwelled for 30 min. and transferred for 5min. total 10 cycles.	MIL-STD-750D METHOD-1051
10. Thermal Shock	0℃ for 5 min. rise to 100℃ for 5 min. total 10 cycles.	MIL-STD-750D METHOD-1056
11. Forward Surge	8.3ms single half sine-wave superimposed on rated load, one surge.	MIL-STD-750D METHOD-4066-2
12. Humidity	at TA=65℃, RH=98% for 1000hrs.	MIL-STD-750D METHOD-1038
13. High Temperature Storage Life	at 150℃ for 1000 hrs.	MIL-STD-750D METHOD-1031
14. Solvent Resistance	Dip into Freon at 25℃ for 1 min.	MIL-STD-202F METHOD-215