NO.	EXPERIMENT ITEM	EXPERIMENT METHOD AND CONDITIONS	DOCUMENTATION
1.	SOLDERABILITY	230˚C±5˚C / 5 SEC.	MIL-STD-750D METHOD-2026
2.	SOLDERABILITY RESISTANCE	● TEMPERATURE OF SOLDER POT = 260˚C±5˚C ● TIME FOR DIPPING IN SOLDER = 10±1 SEC. ● DIPPING DEPTH = 1~1.5 mm BELOW BODY ● FOR ONE CYCLE	MIL-STD-750D METHOD-2031
3.	PULL TEST	1kg IN AXIAL LEAD DIRECTION / 10 SEC.	MIL-STD-750D METHOD-2036
4.	BEND TEST	0.5kg WEIGHT APPLIED TO EACH LEAD FOR THREE TIMES 90˚±5˚ARCS	MIL-STD-750D METHOD-2036
5.	HIGH TEMPERATURE REVERSE BIAS TEST	T_A = 100˚C / 100 HRS. / V_R = 80% RATED V_R	MIL-STD-750D METHOD-1026
6.	FORWARD OPERATION LIFE TEST	T_A = 25˚C RATED AVERAGE RECTIFIED CURRENT / 500 HRS.	MIL-STD-750D METHOD-1027
7.	INTERMITTENT FORWARD OPERATION LIFE	● ON: 5 min. T_J = 125˚C~175˚C WITH RATED I_{RMS} POWER ● OFF: 5 min. T_J = T_A+15˚C WITH COOL FORCED AIR ● 1000 CYCLES	MIL-STD-750D METHOD-1036
8.	PRESSURE COOKER	15 PSIG, T_A = 121˚C, 4 HRS.	MIL-STD-19500E APPENDIX C
9.	TEMPERATURE CYCLING	● -55˚C / +125˚C, 30 MINUTES FOR DWELLED TIME ● 5 MINUTES FOR TRANSFERRED TIME ● 10 CYCLES	MIL-STD-750D METHOD-1051
10.	THERMAL SHOCK	0˚C / 5 MINUTES, 100˚C / 5 MINUTES, 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
12.	HUMIDITY TEST	T_A = 65˚C, RH = 98%, T = 1000 HRS.	MIL-STD-750D METHOD-1021
13.	HIGH TEMPERATURE STORAGE LIFE	150˚C / 1000 HRS.	MIL-STD-750D METHOD-1031