

◆ **QC Program:**

Quality Assurance Flow Chart

Item	Customer	Sales	R&D	Q.A	Manufacturing	Product control	Purchase	Inventory control
Marketing & Design	Info.	Survey						
Sample Approval	Request	Inquiry	Design evaluation					
		Quote						
Pilot Run & Mass Product		Contract	Design check					
			Sample test					
		Sample approval	Pilot run & Reliability test					
Ship Out			Specification preparation					
			Mass production					
Sales Service			Inspection					
	Info.	Claim	Failure analysis					
			Corrective action					
Q.A Activity			Tracking					
	1. TQM Activities 2.TPM Activities 3.Process improvement proposal 1. ISO 9002 Maintenance Activities 5.Education And Training Activities 6. Standardization Management 7.Equipment calibration							

Reliability Conditions

NO	Item	Test Condition	Applicable Standard	
1	High Temperature Storage	Storage At 60 ± 2 96~100 hrs Surrounding Temperature Then Storage At Normal Condition 4hrs	MIL-202E	
2	Low Temperature Storage	Storage At -20 ± 2 96~100 hrs Surrounding Temperature, Then Storage At Normal Condition 4hrs	MIL-202E	
3	High Temperature /Humidity Storage	1.Storage 96~100 hrs 60 ± 2 , 90%RH Surrounding Temperature, Then Storage At Normal Condition 4hrs .(Polarizer may fail in this environment). Or 2.Storage 96~100 hrs 40 ± 2 , 90%RH Surrounding Temperature, Then Storage At Normal Condition 4 hrs.	MIL-202E	
4	Temperature Cycling	$\begin{array}{cccc} -20 & 25 & 60 & 25 \\ (30\text{Mins}) & (5\text{Mins}) & (30\text{Mins}) & (5\text{Mins}) \end{array}$ <p style="text-align: center;">10 Cycle</p>	MIL-202E	
5	Vibration	10~55Hz (1 Minute) 1.5mm X,Y And Z Direction (Each 2hrs)	MIL-202E	
6.	Drop Test	Packing Weight (Kg)	Drop High (Cm)	MIL-810E
		0 ~ 45.4	122	
		45.4 ~ 90.8	76	
		90.8 ~ 454	61	
		Over 454	46	