

DISPLAY TYPE

		DISPLAY TYPE			
		TN		STN	
		Normal Temperature	Wide Temperature	Normal Temperature	Wide Temperature
Operating Voltage		3.0V	5.0V	5.0V	5.0V
Viewing Angle	Horizontal	+/-35°	+/-35°	+/-40°	+/-40°
	Vertical	+40° / -10°	+35° / -5°	+45° / -10°	+45° / -10°
Operating Temperature		-10°C / +60°C	-30°C / +80°C	0°C / +50°C	-30°C / +80°C
Storage Temperature		-20°C / +70°C	-40°C / +85°C	-20°C / +70°C	-30°C / +80°C

High Temperature (Power Off)		240 Hours @ 60°C	240 Hours @ 85°C	240 Hours @ 65°C	240 Hours @ 75°C
Low Temperature (Power Off)		240 Hours @ -20°C	240 Hours @ -40°C	240 Hours @ -15°C	240 Hours @ -15°C
High Temperature (Power On)		240 Hours @ 60°C	240 Hours @ 80°C	240 Hours @ 60°C	240 Hours @ 70°C
Low Temperature (Power On)		240 Hours @ -10°C	240 Hours @ -30°C	240 Hours @ -10°C	240 Hours @ -15°C
High Temperature & High Humidity		240 Hours @ 55°C / 90% RH	240 Hours @ 75°C / 90% RH	240 Hours @ 45°C / 90% RH	240 Hours @ 65°C / 90% RH
Thermal Shock 10 Cycles 	A	30 Min @ -20°C	30 Min @ -30°C	30 Min @ -20°C	30 Min @ -30°C
	B	5 Min @ 25°C	5 Min @ 25°C	5 Min @ 25°C	5 Min @ 25°C
	C	30 Min @ 70°C	30 Min @ 85°C	30 Min @ 70°C	30 Min @ 80°C
Expected Life		100,000 Hours	100,000 Hours	100,000 Hours	100,000 Hours