

*PG 1 364-A for SMT type
PG 1 2864-K for COB type



ABSOLUTE MAXIMUM RATING										
Item	Symbol	Condition	Min.		Max.		Units			
Supply for logic voltage	Vdd-Vss	25°C	-0.3		7.0		V			
LCD driving supply voltage	Vdd-Vee	25°C	-0.3		19.0		V			
Input voltage	Vin	25°C	-0.3		Vdd+0.3		V			
ELECTRICAL CHARACTERISTICS										
Item	Symbol	Condition	Min.		Typical		Max.		Units	
Power supply voltage	Vdd-Vss	25°C	4.5		—		5.5		V	
LCD operation voltage	Vop	Top	N	W	N	W	N	W	V	
		-20°C	—	14.3	—	14.7	—	15.1	V	
		0°C	9.7	—	10.2	—	10.7	—	V	
		25°C	8.9	13.2	9.4	13.6	9.9	14	V	
		50°C	8.6	—	9.1	9.6	—	—	V	
		70°C	—	12	—	12.4	—	12.8	V	
LCM current consumption (No B/L)	Idd	Vdd=5V	—		2.5		5		mA	
Backlight current consumption	LED/edge	VB/L=4.2V	—		—		—		mA	
	LED/array	VB/L=4.2V	—		400		—		mA	

Backlight Option: LED,EL Backlight feature, other Specs not available on catalog is under request.

