

Product Specification	Model:	AWT-480272T43N09	Rev. No.	Issued Date.	Page.
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2.0 ABSOLUTE MAXIMUM RATINGS

2.1 Electrical Absolute Rating

2.1.1 TFT LCD Module

Item	Symbol	Min.	Max.	Unit.	Note
Power supply voltage	VDD	-0.3	6.0	V	GND=0
	VGH	0.3	40	V	GND=0
	VGL	-20	0.3	V	GND=0
	AVDD	0.5	15	V	AGND=0
	VCOM	0	6	V	
Logic Signal Input Level	V1	-0.3	VDD+0.3	V	

2.1.2 Back-Light Unit

Item	Symbol	MIN.	TYP.	MAX.	Unit	Note
Forward voltage	Vf	17.8	18.2	18.6	V (1)(2)	
Forward current	If	30	40	50	mA	(1)(2) (3)
Power Consumption	PBL	--	0.8	--	W	

Note:

(1) Permanent damage may occur to the LCD module if beyond this specification. Functional operation should be restricted to the conditions described under normal operating conditions.

(2) Ta = 25 ± 2°C

(3) Test Condition: LED current 40 mA

2.2 Environment Absolute Rating

Item	Symbol	Min.	Max.	Unit	Remarks
Operating Temperature	Topa	-20	+70	°C	
Storage Temperature	Tstg	-30	+80	°C	

