



DG32240-17

320 x 240 dots

FSTN

Reflective / EL Backlight

DIMENSIONAL DATA

Item	Measurement (W) x (H) x (T)	Unit
Module Dimension	89.0 x 70.45 x 10 Max.	mm
Viewing Area	80.3 x 61.8	mm
Dot Pitch	0.24 x 0.24	mm
Dot Size	0.225 x 0.225	mm
Weight 60		g
Controller/Driver	NT7701/NT7702	

ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Condition	Min.	Max.	Unit
Supply Voltage (Logic)	$V_{DD} - V_{SS}$	Ta = 25 C	0.3	6.5	V
Supply Voltage(LCD)	$V_{EE} - V_{SS}$			30.0	V
Input Voltage	V_I		V_{SS}	V_{DD}	V
Operating Temp.	opr		0	50	C
Storage Temp.	Tstg		-20	70	C

ELECTRICAL CHARACTERISTIC

Item	Symbol	Condition	Value			Unit
			Min.	Typ.	Max.	
Supply Voltage (Logic)	$V_{DD}-V_{SS}$	--	2.5	3.3	5.5	V
Supply Voltage (LCD)	$V_{EE}-V_{SS}$	--	--	22	--	V
Supply Current	I_{DD}	$V_{DD}-V_{SS}=3.3V$	-	0.1	0.2	mA
	I_{EE}		--	1.5	3.0	mA
Input Voltage "H" Level	V_{IH}	High Level	$0.8 \cdot V_{DD}$	--	V_{DD}	V
Input Voltage "L" Level	V_{IL}	Low Level	V_{SS}	--	$0.2 \cdot V_{DD}$	V
Frame Frequency	F_f	Ta = 25 C	--	70	--	Hz
Viewing Angle	1 - 2	Ta = 25 C	--	3.3	--	Deg.
	1. 2	CR 3	--	3.2	--	

OUTLINE DIMENSION

