



TG241611

240 x 160 dots

FSTN

Reflective / EL Backlight

DIMENSIONAL DATA

Item	Measurement (W) x (H) x (T)	Unit
Module Dimension	84.6 x 56.1 x 5.1 Max. (EL B/L)	mm
Viewing Area	62.2 x 43.5	mm
Dot Pitch	0.24 x 0.24	mm
Dot Size	0.23 x 0.23	mm
Weight		g
Controller/Driver	LH1560/LH1562	

ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Condition	Min.	Max.	Unit
Supply Voltage (Logic)	$V_{DD} - V_{SS}$	0		7.0	V
Supply Voltage(LCD)	$V_{EE} - V_{SS}$	0		45.0	V
Input Voltage	V_I	$T_a = 25\text{ C}$	V_{SS}	V_{DD}	V
Operating Temp.	T_{opr}		0	50	C
Storage Temp.	T_{stg}		-20	60	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)	$V_{EE} - V_{SS}$	--	--	19.5	--	V
Supply Current	I_{DD}		--	0.05	1	mA
	I_{EE}		--	0.5	2	mA
Input Voltage "H" Level	V_{IH}	High Level	$0.8 * V_{DD}$	--	V_{DD}	V
Input Voltage "L" Level	V_{IL}	Low Level	V_{SS}	--	$0.2 * V_{DD}$	V
Frame Frequency	F_f	$T_a = 25\text{ C}$	--	6 4	--	Hz
Viewing Angle	1 - 2	$T_a = 25\text{ C}$	-25	--	25	Deg.
	1. 2	CR 3	-20	--	30	

OUTLINE DIMENSION

