



Pin Connection:

F: (Filament)

P: (Anode)

G: (Grid)

NC: (No Connection)

NP: (No Pin)

PIN NO.	1	2	3	4	5	6	7	8	9	10	11
elec't'd	VDD	VSS	V0	DB0	DB1	DB2	DB3	DB4	DB5	DB6	DB7
PIN NO	12	13	14	15	16	17	18	19	20	21	22
elec'd	/CSI	/CS2	RST	R/W	D/I	E	VSS	A	K	NC	NC

Electrical Characteristics

ITEM	SYM	CONDITION	MIN	MAX	UNIT
Supply Voltage	VDD	-	4.6	5.5	V
Supply Current	IDD	VDD+5.0V	-	3	Ma
Driving Volrage	VLCD	-	8.2	8.5	V
Driving Current	IEEE	VLCD=3.0V	8.0	20	uA
LED BKL voltage	VLED	-	3.8	4.2	V
LED BKL current	VF	VLED=3.2	260	300	mA