



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 |
| elec'd | VDD | VSS | V0 | DB0 | DB1 | DB2 | DB3 | DB4 | DB5 | DB6 |
| PIN NO | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| elec'd | DB7 | /CSI | /CS2 | RST | R/W | D/1 | E | VSS | A | K |

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 | VO | - | 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 |