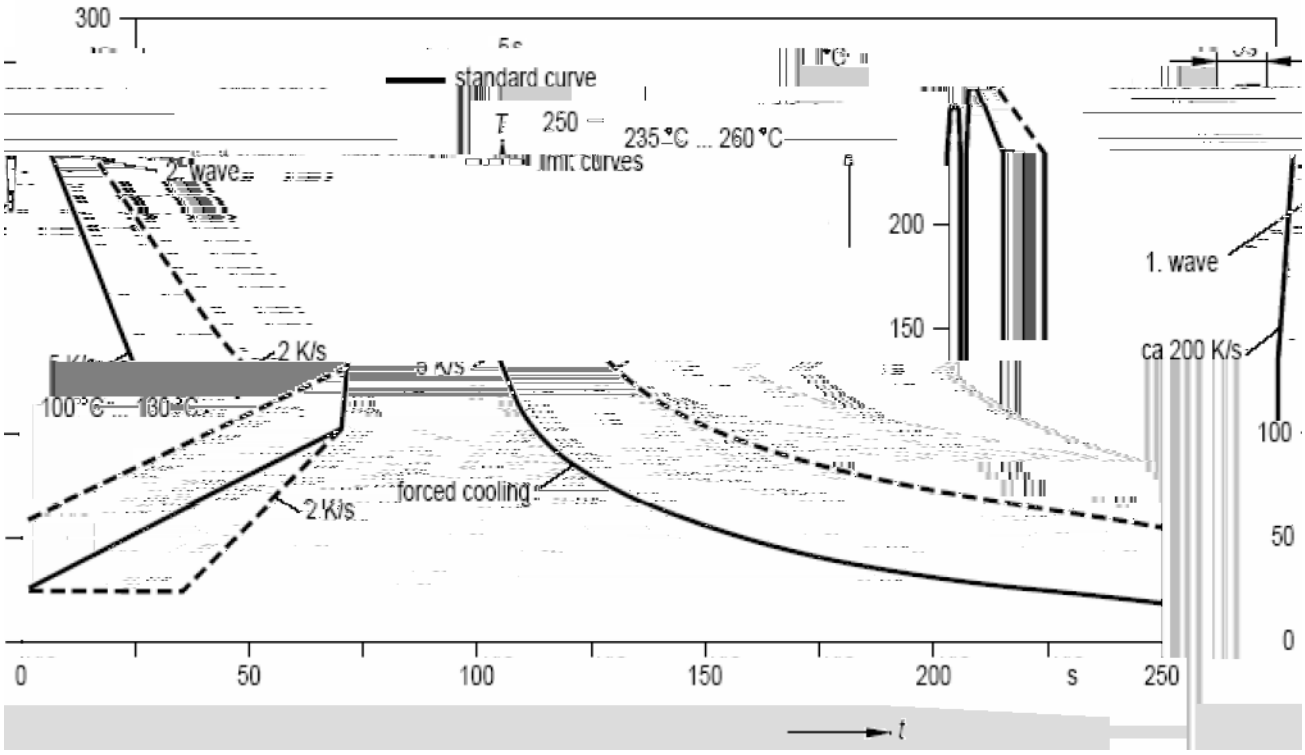
**Electrical Optical Characteristics at Ta=25W**

| Parameter | Symbol | Min. | Typ. | Max. | Unit | Test Condition |
|---|---|---|---|---|---|---|
| Radiant Intensity | Ie | --- | 45 | --- | mW/sr | $I_F$=20mA (Note 1,3) |
| 9LHZLQJSQJOH | 1/2 | --- | 20 | --- | deg. | (Note 2) |
| 3HDNZDY HOHQJWK | S | | | Q P | | , F=20mA |
| Spectral Line Half- Width | Þ | --- | 50 | --- | nm | $I_F$=20mA |
| Forward Voltage | $V_F$ | --- | 1.2 | 1.5 | V | $I_F$=20mA |
| Reverse Current | $I_R$ | --- | --- | 100 | µA | $V_R$=5V |

**Note:**

1. Point sources of the amount of radiation per unit time in a given direction within the unit solid Angle radiated energy.
2. LWWKHRIID[LVDQQOHDZKLFKWKH5DGLDWQ,QWHQVLWKDOWKD[LD5DGLDWQ,QWHQW\
3. The Ie guarantee should be added ±15% tolerance.

**Recommended Wave Soldering Profile**



**Typical Electrical / Optical Characteristics Curves**
**(25W Ambient Temperature Unless Otherwise Noted)**