



Absolute Maximum Ratings at Ta=25

| Parameter | MAX. | Unit |
|---|------------------------|------|
| Power Dissipation | 100 | mW |
| Continuous Forward Current | 60 | mA |
| Peak Forward Current ^{*2} | 400 | mA |
| Reverse Voltage | 5 | V |
| Electrostatic Discharge (HBM) ^{*3} | 4000 | V |
| Moisture Sensitivity Level ^{*1} | 4 | |
| Operating Temperature | -40 to + 85 | |
| Storage Temperature | -40 to + 100 | |
| Reflow Condition | 260 MAX for 10 Seconds | |

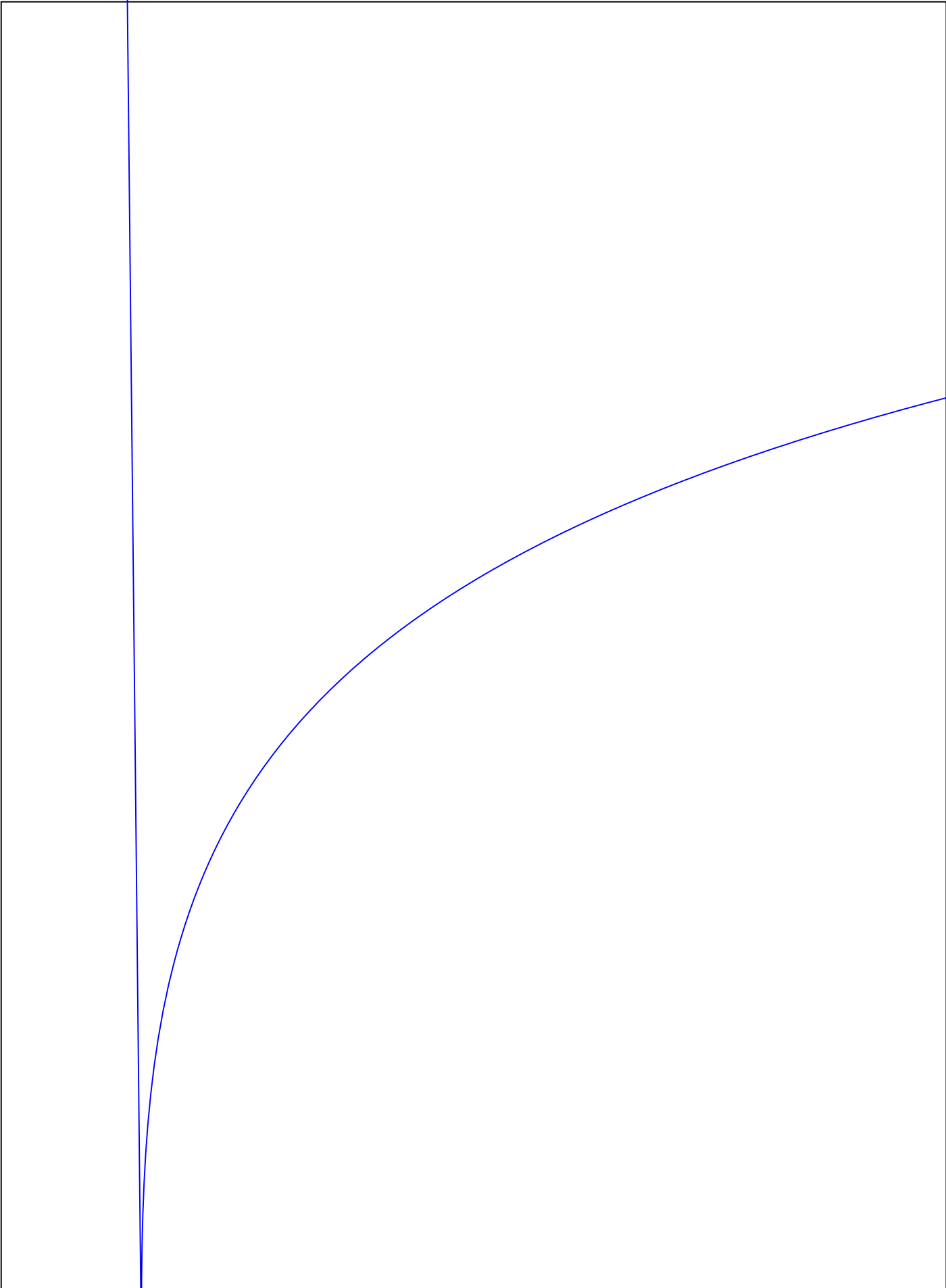
1. Storage and operating:

- (1). Storage requirements before vacuum bag opened: Temperature<30 , Humidity<65%RH;
- (2). Check air leakage and vacuum bag damage before opened. If there is any issue found, check the humidity indicator card immediately after bag opened:
 - a. If color changes on “10% circle” of the humidity indicator card only and not the circles of 20% and above, components can be used without additional handling;
 - b. If color changes on both 10% and 20% circles but not the circles of 30% and above, components must be dehumidified according to the conditions of bullet (5);
 - c. If color changes on 10%, 20%, and 30% circle or above, the product should be returned to the supplier for high temperature dehumidification;
- (3). After bag opened, manual soldering or reflow process must follow the following requirements:
 - a. Complete soldering / reflow within 72 hours;
 - b. Requirements of working environment: Temperature<30 , Humidity<60%RH;
- (4). If the working condition is outside (3)a requirement, the components must be dehumidified according to the conditions of bullet (5);
- (5). Low temperature dehumidification: temperature 60±5 , at least 24 hours;



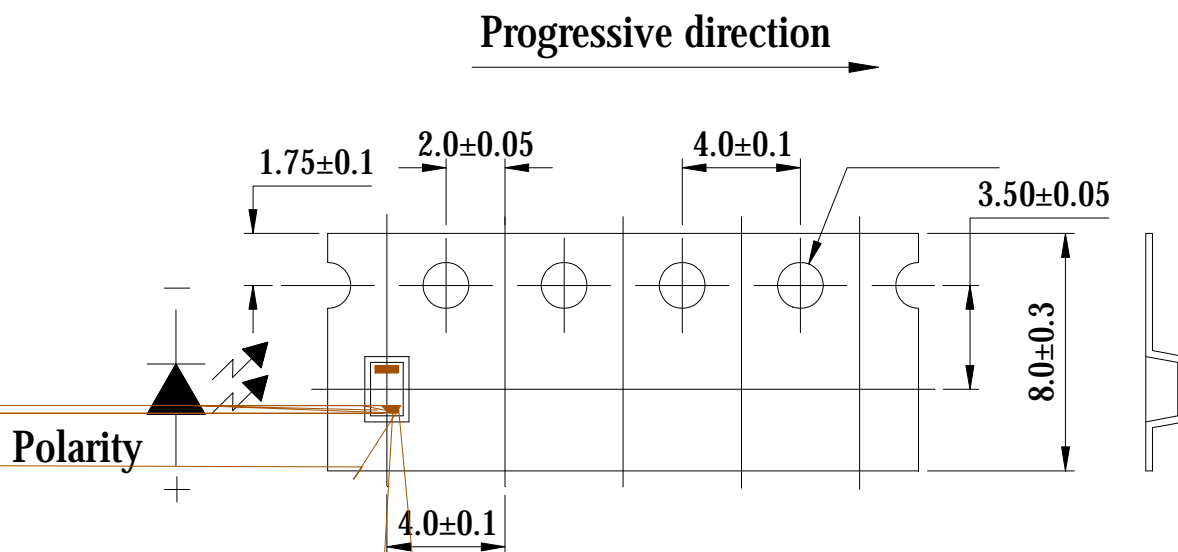
Electrical Optical Characteristics at Ta=25

| Parameter | Symbol | Min. | Typ. | Max. | Unit | Test Condition |
|-------------------|--------|------|------|------|-------|----------------|
| Radiant Intensity | Ie | 7.0 | 11.6 | 21.0 | mW/sr | |





Carrier Tape Specifications (Loaded Quantity: 3000pcs/reel)



Note: Tolerance unless mentioned is ±0.1mm; Unit = mm

Moisture Resistant Packaging

