Absolute Maximum Ratings at Ta=25
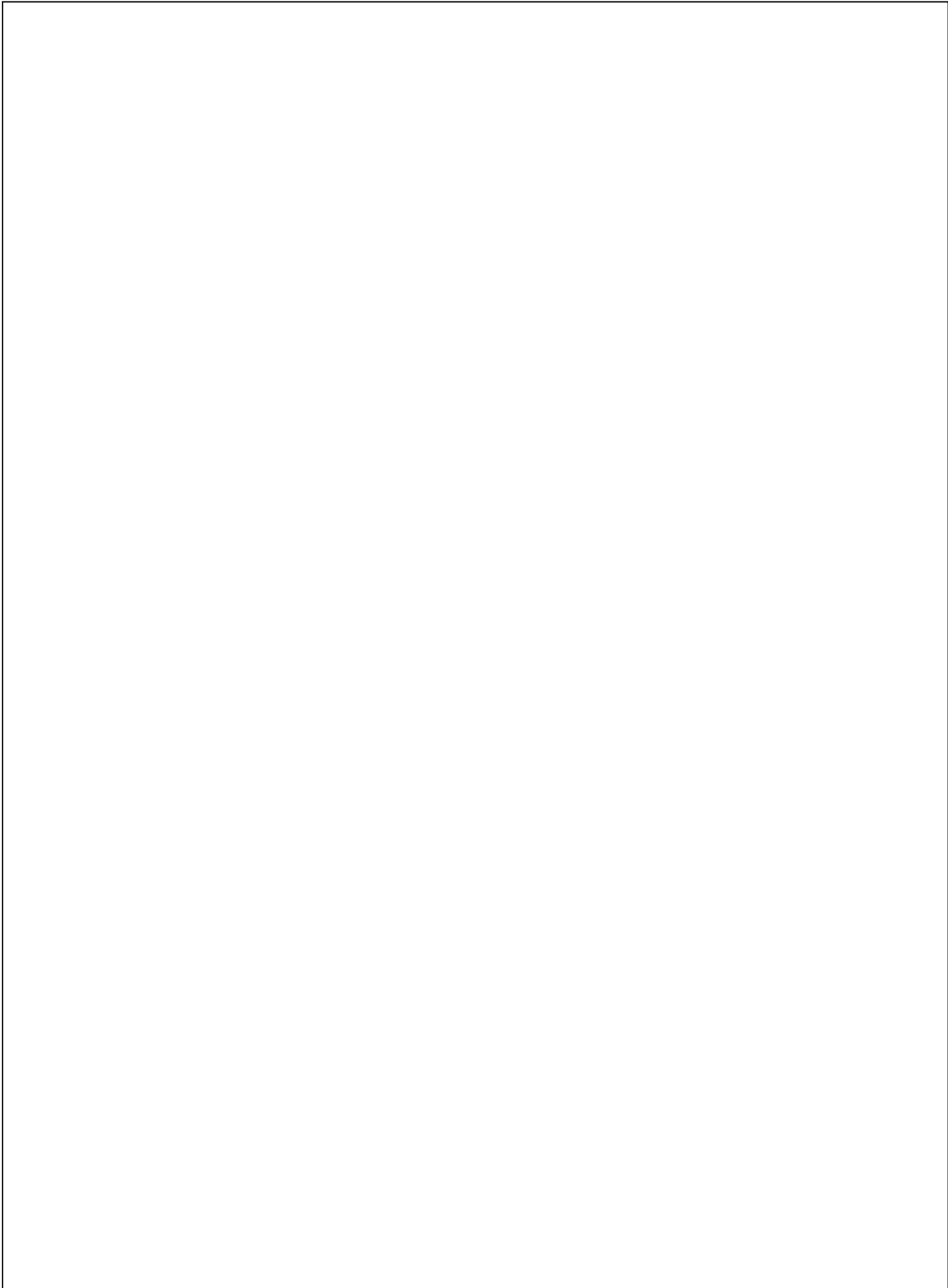
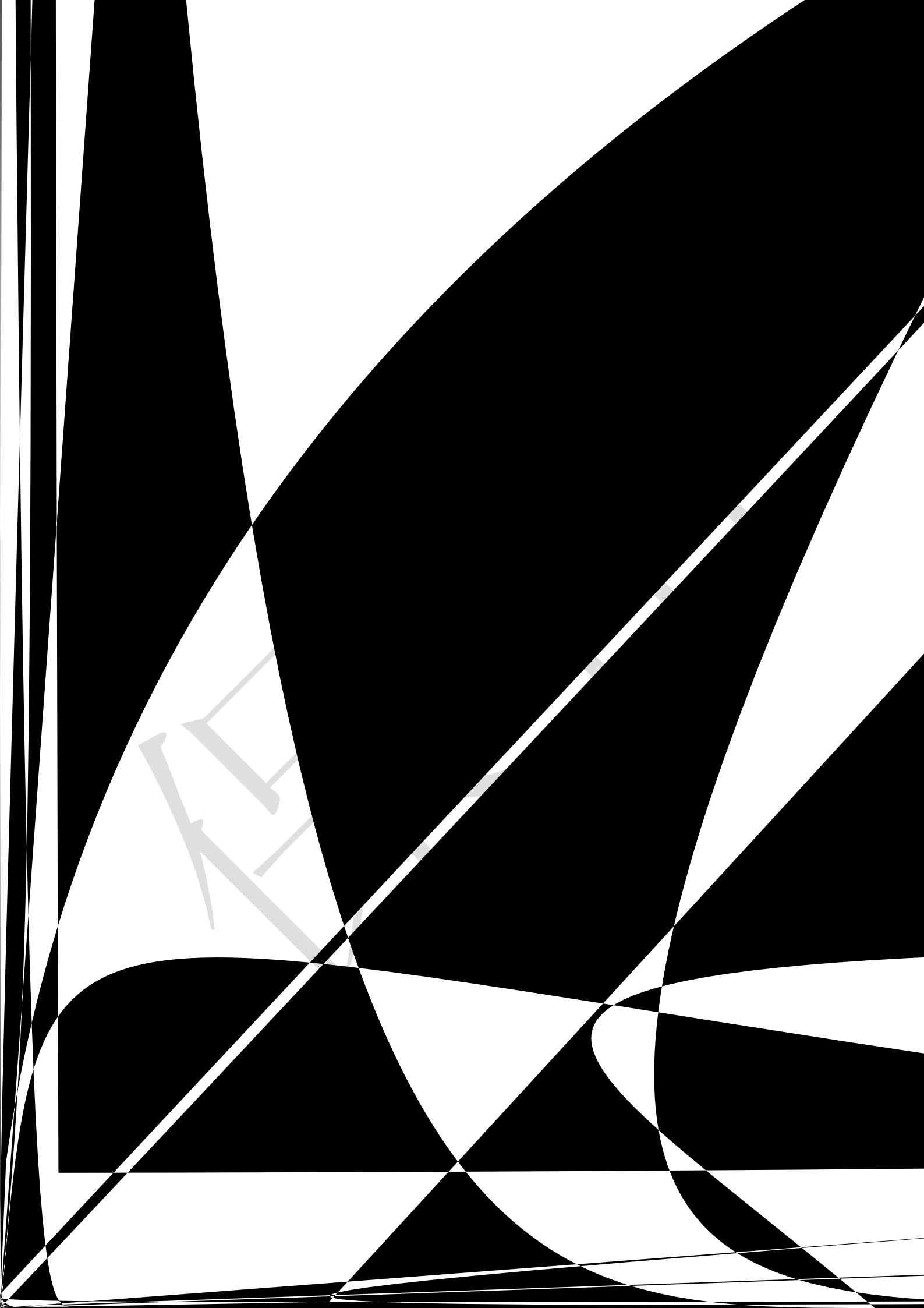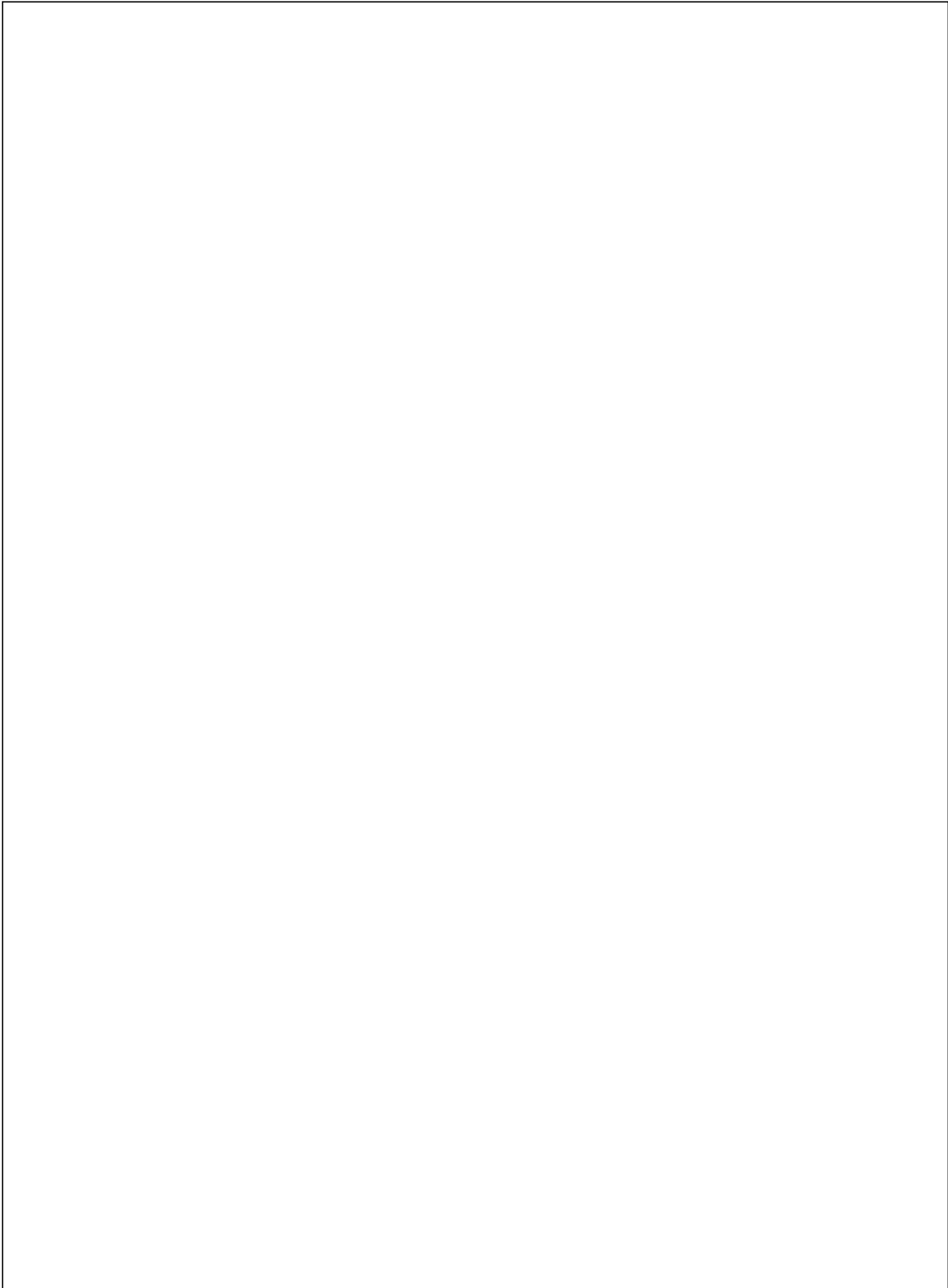| Parameter	MAX.	Unit
Power Dissipation	100	mW
Continuous Forward Current	60	mA
Peak Forward Current[*2]	400	mA
Reverse Voltage	5	V
Electrostatic Discharge (HBM)[*3]	4000	V
Moisture Sensitivity Level[*1]	4	
Operating Temperature	-40 to + 85	
Storage Temperature	-40 to + 100	
Reflow Condition	260 MAX 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;
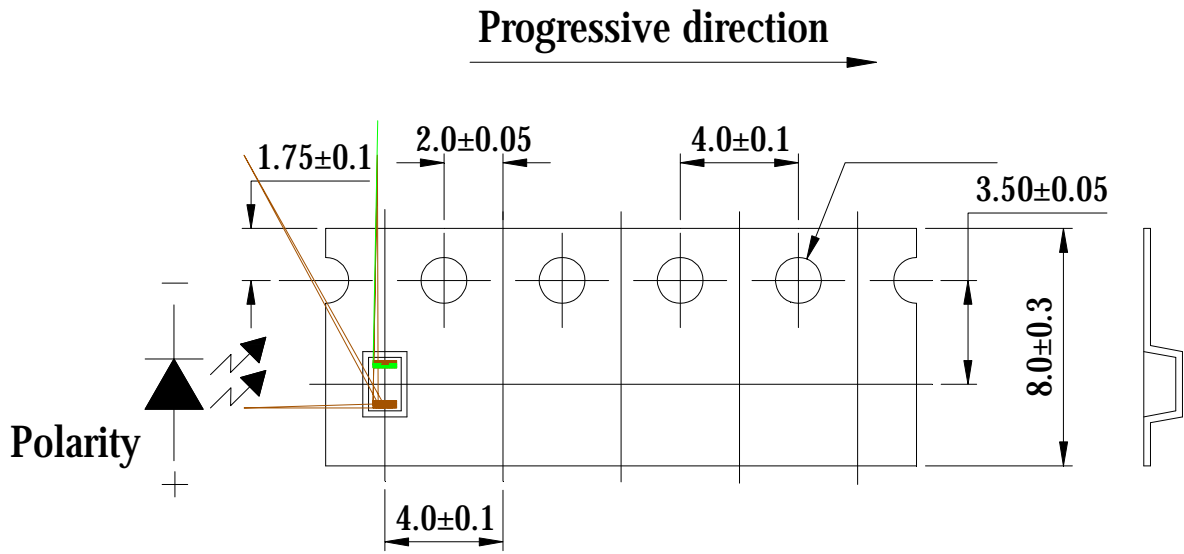
Electrical Optical Characteristics at Ta=25

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)

Progressive direction

1.75±0.1   2.0±0.05   4.0±0.1

3.50±0.05

8.0±0.3

Polarity

4.0±0.1

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

Moisture Resistant Packaging

LIGHT universal Label   Aluminum moisture-proof bag   Desiccant   Customer defined Label or LIGHT universal Label

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