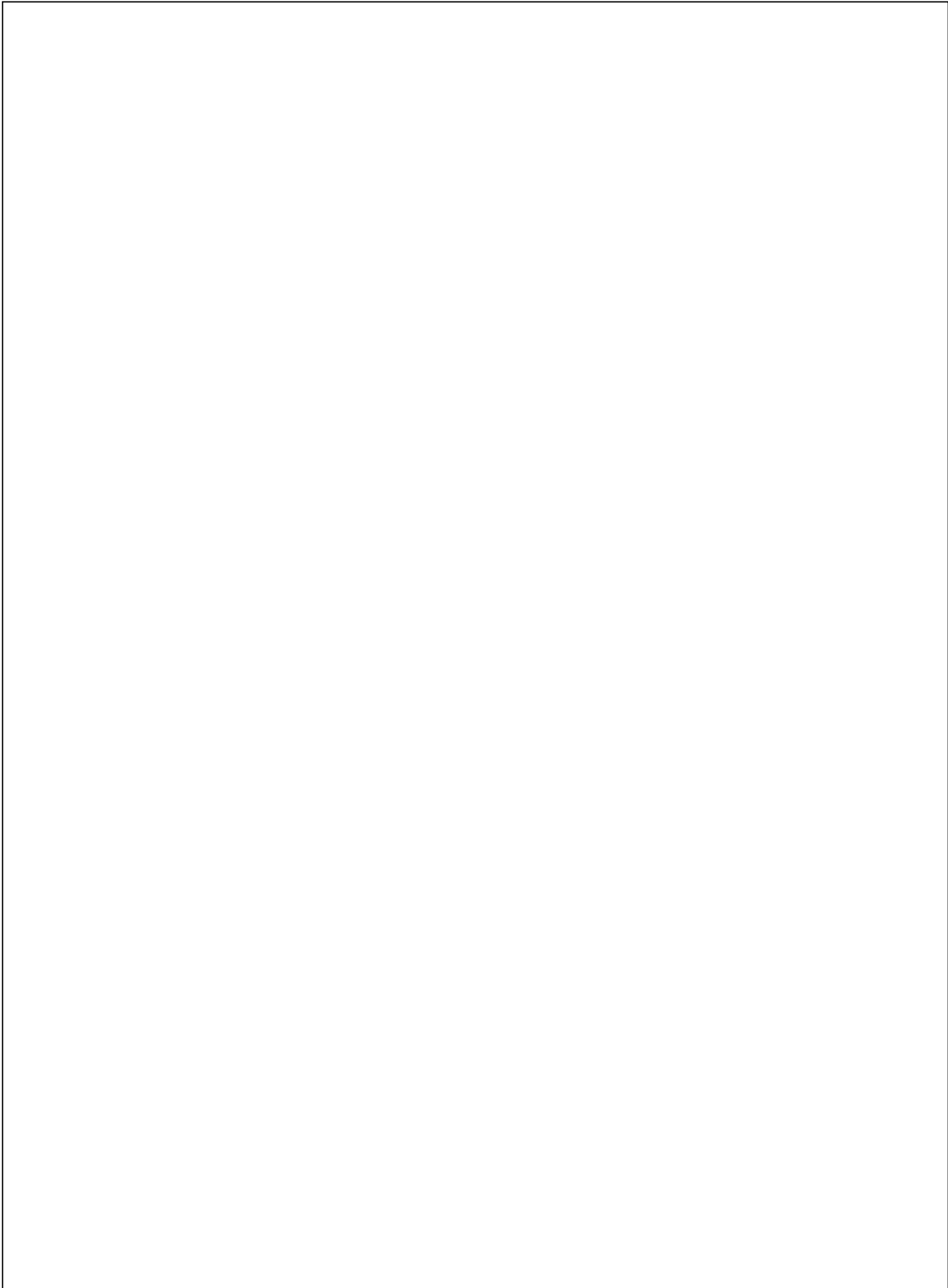


LIGHT





Electrical Optical Characteristics at Ta=25

| Parameter | Symbol | Min. | Typ. | Max. | Unit | Test Condition |
|---------------------------|----------------|------|------|------|-------|---------------------------------|
| Radiant Intensity | I _e | 8.8 | 12 | --- | mW/sr | I _F =20mA (Note 1,3) |
| | | 21 | 30 | --- | mW/sr | I _F =50mA (Note 1,3) |
| Viewing Angle(X) | 1/2 | --- | 105 | --- | Deg. | (Note 2) |
| Viewing Angle(Y) | | --- | 50 | --- | | |
| | | | | | | I _F =50mA |
| Spectral Line Half- Width | | | | | | I _F =50mA |
| Forward Voltage | V _F | --- | 1.35 | 1.60 | V | I _F =50mA |
| Reverse Current | I _R | --- | --- | 10 | μA | V _R =5V |

Note:

- Point sources of the amount of radiation per unit time in a given direction within the unit solid Angle radiated energy.
1/2 is the off-axis angle at which the Radiant Intensity is half the axial Radiant Intensity.
- The I_e guarantee should be added ±15% tolerance.

Radiant Intensity Bin Code (IF=50mA)

| BIN CODE | Min. (mW/sr) | Max. (mW/sr) |
|----------|--------------|--------------|
| 31 | | |
| 32 | | |
| 33 | | |
| 34 | | |
| 35 | | |

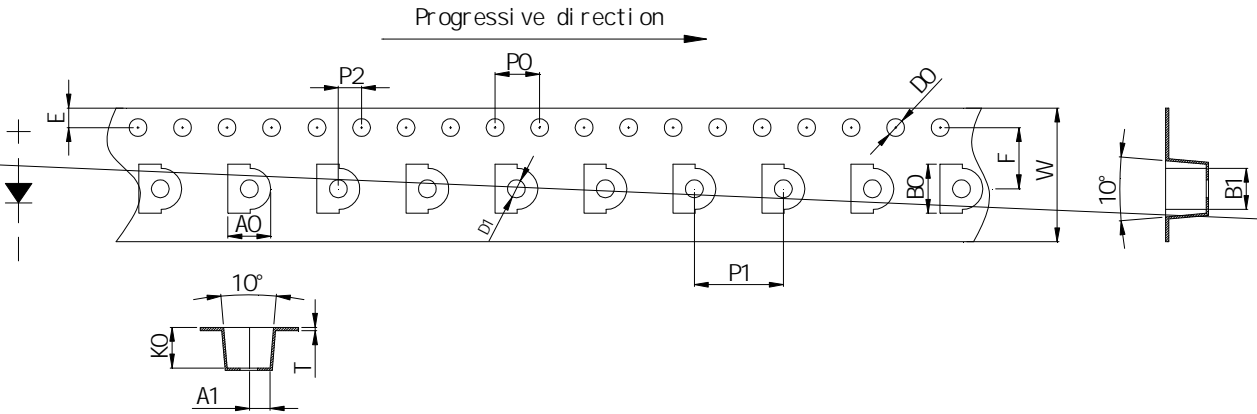
NOTE: The I_e guarantee should be added $\pm 15\%$ tolerance.

Label Explanation



Carrier Tape Specifications (Loaded Quantity: 2300pcs/reel)

| ITEM | W | A0 | A1 | B0 | B1 | K0 | E | F | D0 | D1 | P0 | P1 | P2 | T |
|------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| DIM | 12.00 | 3.85 | 1.85 | 4.40 | 3.70 | 3.65 | 1.75 | 5.50 | 1.50 | 1.60 | 4.00 | 8.00 | 2.00 | 0.30 |
| TOL | +0.30 -0.30 | +0.10 -0.10 | +0.10 -0.10 | +0.10 -0.10 | +0.10 -0.10 | +0.10 -0.10 | +0.10 -0.10 | +0.10 -0.10 | +0.10 -0.10 | +0.10 -0.10 | +0.10 -0.10 | +0.10 -0.10 | +0.10 -0.10 | +0.05 -0.05 |



Suggest IR Reflow Condition For Lead Free

