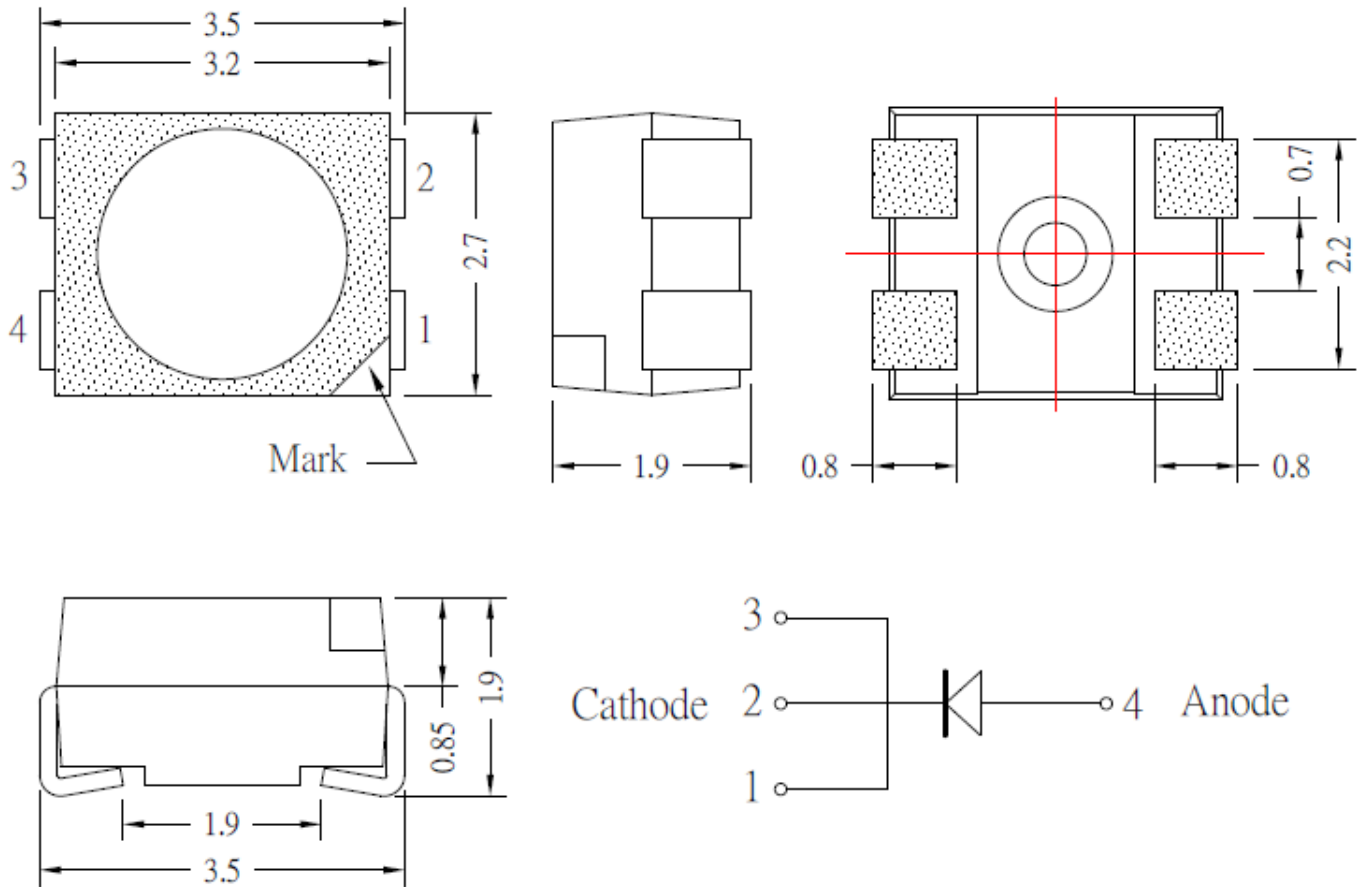


SPECIFICATION
CSP1311A2C-4
PACKAGE OUTLINES

Notes:

1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25\text{mm}$ (0.01") unless otherwise noted.
3. Specifications are subject to change without notice.

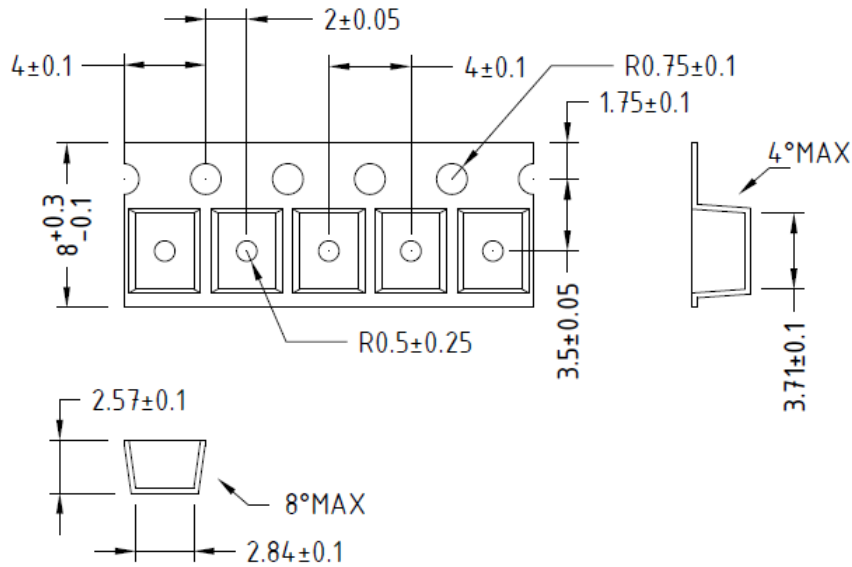
Part Number	Chip Material	Color of Emission	Lens Type	Viewing Angle
CSP1311A2C-4	InGaAlP	Amber	Water Clear	120°



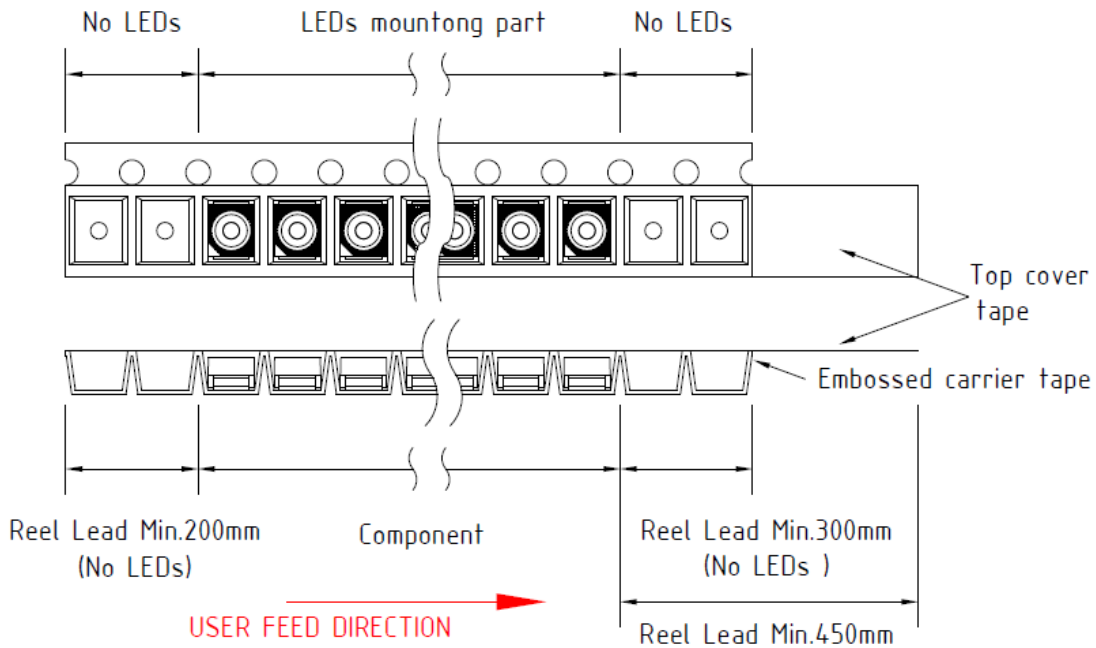
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PACKAGING SPECIFICATION

TAPE DIMENSION



TAPE LEADER AND TRAILER DIMENSION

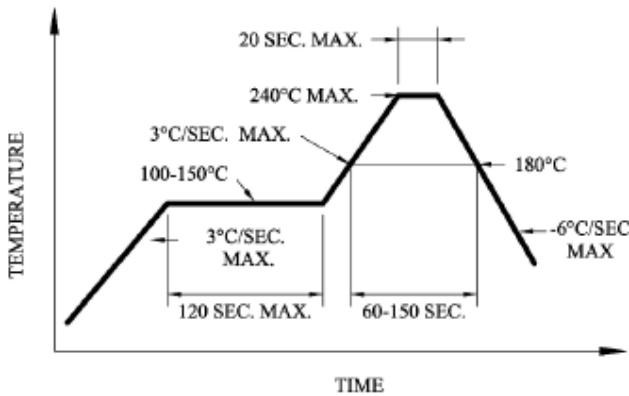
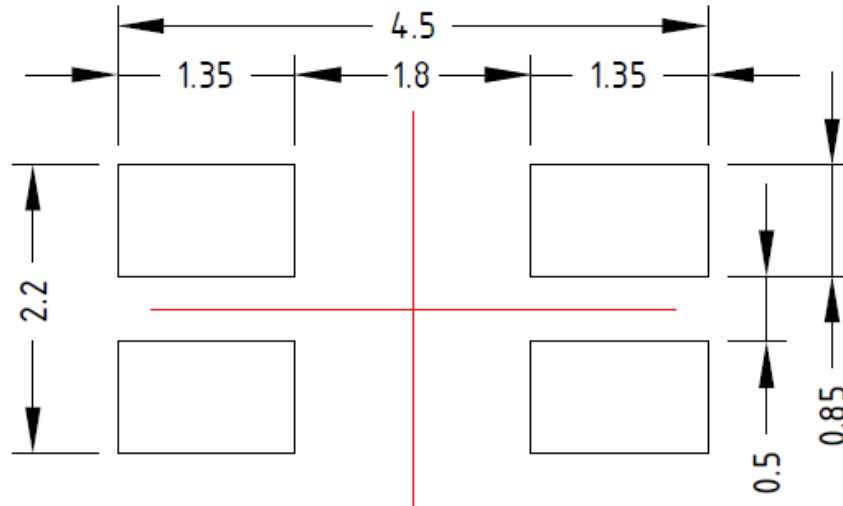
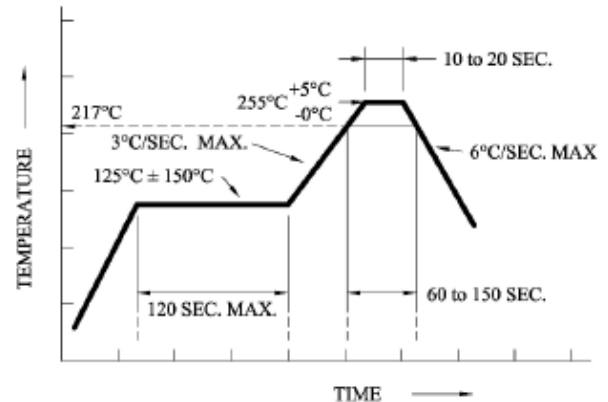


Notes:

1. Empty component pockets are sealed with top cover tape
2. The maximum number of missing lamps is two.
3. 2000 pcs/reel



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SOLDERING CONDITIONS
RECOMMENDED SOLDERING PAD PATTERN

Recommended reflow soldering profile

Recommended Pb-free reflow soldering profile.

- Repairing should not be done after the LEDs have been soldered. When repairing is unavoidable, a double-head soldering iron should be used. It should be confirmed beforehand whether the characteristics of the LEDs will or will not be damaged by repairing.
- Reflow soldering should not be done more than two times.
- When soldering, do not put stress on the LEDs during heating.
- After soldering, do not warp the circuit board



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