

## 1. Product information

Supplier : JIANGSU CHANGJING ELECTRONICS TECHNOLOGY CO.,LTD.

|                       |            |
|-----------------------|------------|
| <b>Part Number :</b>  | CJP04N50M1 |
| <b>Package Type :</b> | TO-220-3L  |

## 2. MATERIAL ANALYSIS DATA SHEET

| Material   | Composition  | CAS No.    | % of weight | % of weight total |
|------------|--------------|------------|-------------|-------------------|
| Lead Frame | Cu           | 7440-50-8  | 99.87%      | 67.8866%          |
|            | Fe           | 7439-89-6  | 0.10%       |                   |
|            | P            | 7723-14-0  | 0.03%       |                   |
| Wafer      | Si           | 7440-21-3  | 98.00%      | 0.2827%           |
|            | SiO2         | 7631-86-9  | 0.05%       |                   |
|            | Ag           | 7440-22-4  | 0.05%       |                   |
|            | Al           | 7429-90-5  | 0.90%       |                   |
|            | others       | /          | 1.00%       |                   |
| Wire       | Al           | 7429-90-5  | 99.995%     | 0.1329%           |
|            | others       | /          | 0.005%      |                   |
| Solder     | Pb           | 7439-92-1  | 92.50%      | 0.1139%           |
|            | Sn           | 7440-31-5  | 5.00%       |                   |
|            | Ag           | 7440-22-4  | 2.50%       |                   |
| Compound   | SiO2         | 14808-60-7 | 82.00%      | 29.2909%          |
|            | Epoxy Resin  | 29690-82-2 | 10.00%      |                   |
|            | Phenol Resin | 9003-35-4  | 7.50%       |                   |
|            | Carbon black | 1333-86-4  | 0.50%       |                   |
| Plating    | Sn           | 7440-31-5  | 99.96%      | 2.293%            |
|            | Others       | /          | 0.04%       |                   |

Materials Disclosure Disclaimer: Even though all possible efforts have been made to provide you with the information, It is for guidance only and we cannot guarantee to its accuracy or completeness.