

## CAS17C820KAGGC

CAS SMD SFTY 250, Ceramic, 82 pF, 10%, COG, Industrial Grade, Safety MLCC, X2, 1808



Click here for the 3D model.

| Dimensions |                   |
|------------|-------------------|
| Chip Size  | 1808              |
| L          | 4.5mm +0.5/-0.3mm |
| W          | 2mm +/-0.25mm     |
| Т          | 1.6mm +/-0.2mm    |
| S          | 3.5mm MIN         |
| В          | 0.5mm +/-0.25mm   |

| Packaging Specifications |      |
|--------------------------|------|
| Packaging                | T&R  |
| Packaging Quantity       | 2000 |
| 5 5                      | 2000 |

| General Information |                               |
|---------------------|-------------------------------|
| Series              | CAS SMD SFTY 250              |
| Style               | SMD Chip                      |
| Description         | Industrial Grade, Safety MLCC |
| RoHS                | Yes                           |
| Termination         | Tin                           |
| Safety Class        | X2                            |
| Qualifications      | ENEC, UL, IEC                 |
| AEC-Q200            | No                            |
| Halogen Free        | Yes                           |

| Specifications   |                           |  |  |  |
|--|---------------------------|--|--|--|
| Capacitance  | 82 pF                     |  |  |  |
| Measurement Condition  | 1 MHz 1.0Vrms             |  |  |  |
| Capacitance Tolerance  | 10%                       |  |  |  |
| Voltage AC   | 250 VAC (X2)              |  |  |  |
| Temperature Range  | -55/+125°C                |  |  |  |
| Temperature Coefficient  | COG                       |  |  |  |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 30 ppm/C, 1kHz<br>1.0Vrms |  |  |  |
| Insulation Resistance  | 100 GOhms                 |  |  |  |
| Quality Factor   | 1000                      |  |  |  |

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