

## CAS18C101GAGFC

CAS SMD SFTY 250, Ceramic, 100 pF, 2%, C0G, Industrial Grade, Safety MLCC, X1/Y2, 1812



Click here for the 3D model.

| Dimensions |                   |
|------------|-------------------|
| Chip Size  | 1812              |
| L          | 4.5mm +0.5/-0.3mm |
| W          | 3.2mm +/-0.4mm    |
| Т          | 1.25mm +/-0.1mm   |
| S          | 3.5mm MIN         |
| В          | 0.5mm +/-0.25mm   |

| Packaging Specifications |      |  |
|--------------------------|------|--|
| Packaging                | T&R  |  |
| Packaging Quantity       | 1000 |  |

| General Information |                               |
|---------------------|-------------------------------|
| Series              | CAS SMD SFTY 250              |
| Style               | SMD Chip                      |
| Description         | Industrial Grade, Safety MLCC |
| RoHS                | Yes                           |
| Termination         | Tin                           |
| Safety Class        | X1/Y2                         |
| Qualifications      | ENEC, UL, IEC                 |
| AEC-Q200            | No                            |
| Halogen Free        | Yes                           |

| Specifications  | /                             |
|---|-------------------------------|
| Capacitance   | 100 pF                        |
| Measurement Condition   | 1 MHz 1.0Vrms                 |
| Capacitance Tolerance   | 2%                            |
| Voltage AC  | 250 VAC (X1), 250<br>VAC (Y2) |
| Temperature Range   | -55/+125°C                    |
| Temperature Coefficient   | COG                           |
| Capacitance Change with Reference to<br>+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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