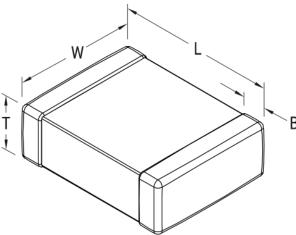


## CKC18X333JWGAC7210

KC-LINK Auto COG, Ceramic, 0.033 uF, 5%, 650 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, 1812



Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| Chip Size  | 1812            |
| L          | 4.5mm +/-0.4mm  |
| W          | 3.2mm +/-0.3mm  |
| Т          | 2mm +/-0.20mm   |
| В          | 0.7mm +/-0.35mm |

| Packaging Specifications |                          |
|--------------------------|--------------------------|
| Packaging                | T&R, 330mm, Plastic Tape |
| Packaging Quantity       | 2000                     |

| General Information |                                 |
|---------------------|---------------------------------|
| Series              | KC-LINK Auto COG                |
| Style               | SMD Chip                        |
| Description         | SMD, MLCC, FT-CAP, Ultra-Stable |
| Features            | FT-CAP, Ultra-Stable            |
| RoHS                | Yes                             |
| Termination         | Flexible Termination            |
| Marking             | No                              |
| Qualifications      | AEC-Q200                        |
| AEC-Q200            | Yes                             |
| Component Weight    | 87 mg                           |
| Shelf Life          | 78 Weeks                        |
| MSL                 | 1                               |

| Specifications   |                           |
|--|---------------------------|
| Capacitance  | 0.033 uF                  |
| Measurement Condition  | 1 kHz 1.0Vrms             |
| Capacitance Tolerance  | 5%                        |
| Voltage DC   | 650 VDC                   |
| Dielectric Withstanding Voltage                                    | 845 VDC                   |
| Temperature Range  | -55/+150°C                |
| Temperature Coefficient  | COG                       |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 30 ppm/C, 1kHz<br>1.0Vrms |
| Dissipation Factor   | 0.1% 1 kHz 1.0Vrms        |
| Aging Rate   | 0% Loss/Decade<br>Hour    |
| Insulation Resistance  | 30.303 GOhms              |

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