

## CKC21X273KCGACTU

Aliases (CKC21X273KCGAC7800)

KC-LINK Auto COG, Ceramic, 0.027 uF, 10%, 500 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, 2220



Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| Chip Size  | 2220            |
| L          | 6.1mm +/-0.75mm |
| W          | 5mm +/-0.4mm    |
| Т          | 2mm +/-0.20mm   |
| В          | 0.7mm +/-0.35mm |

| Packaging Specifications |                          |  |
|--------------------------|--------------------------|--|
| Packaging                | T&R, 180mm, Plastic Tape |  |
| Packaging Quantity       | 500                      |  |

| 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    | 260 mg                          |  |
| Shelf Life          | 78 Weeks                        |  |
| MSL                 | 1                               |  |

| Specifications   |                           |
|--|---------------------------|
| Capacitance  | 0.027 uF                  |
| Measurement Condition  | 1 kHz 1.0Vrms             |
| Capacitance Tolerance  | 10%                       |
| Voltage DC   | 500 VDC                   |
| Dielectric Withstanding Voltage                                    | 750 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  | 37.037 GOhms              |

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