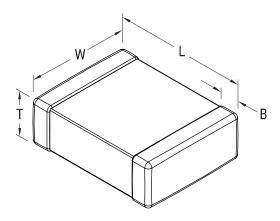
## **KEMET Part Number: CKC21X622FEGAC7210**



## KC Link Auto COG, Ceramic, 6200 pF, 1%, 1200 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, 2220



| Dimensions |                 |  |
|------------|-----------------|--|
| Chip Size  | 2220            |  |
| L          | 5.9mm +/-0.75mm |  |
| W          | 5mm +/-0.4mm    |  |
| Т          | 2.5mm +/-0.20mm |  |
| В          | 0.7mm +/-0.35mm |  |

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

| General Information |                                     |  |
|---------------------|-------------------------------------|--|
| Series:             | KC Link Auto C0G                    |  |
| Style:              | SMD Chip                            |  |
| Description:        | SMD, MLCC, FT-CAP, Ultra-<br>Stable |  |
| Features:           | Ultra-Stable, Low Loss              |  |
| RoHS:               | Yes                                 |  |
| Termination:        | Flexible Termination                |  |
| Marking:            | No                                  |  |
| AEC-Q200:           | No                                  |  |
| Shelf Life:         | 78 Weeks                            |  |
| MSL:                | 1                                   |  |

| Specifications  |                        |  |
|---|------------------------|--|
| Capacitance:  | 6200 pF                |  |
| Measurement Condition:  | 1 kHz 1.0Vrms          |  |
| Capacitance Tolerance:  | 1%                     |  |
| Voltage DC:   | 1200 VDC               |  |
| Dielectric Withstanding<br>Voltage:                                 | 1440 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 1.0Vrms |  |
| Dissipation Factor:   | 0.1% 1 kHz 1.0Vrms     |  |
| Aging Rate:   | 0% Loss/Decade Hour    |  |
| Insulation Resistance:  | 100 GOhms              |  |

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