

# Johanson Part Number QLCT500Q122K2NC002E

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|----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| Johanson Part Number: QLCT500Q122K2NC002E                                                                                  | Johanson Company: JTI                                           |
| Legacy P/N: 500R15L122KC6E-AEC                                                                                             | Size for Capacitors (EIA): 0805                                 |
| Description: Capacitors High-Q MLC L-Series, 0805, Hi-Q NP0/C0G, 50V, 1200pF±10%, Cu/SnPb, 7" Reel Embossed Tape, AEC Q200 | Specification Number: 36S00140                                  |
| Life Cycle Stage: Active                                                                                                   | NCNR: No                                                        |
| AEC Q200 Qualified: Yes                                                                                                    | Thickness (Max): 0.055                                          |
| Schedule B: 8532.24.00.20                                                                                                  | Thickness (Min): None                                           |
| ITAR: No                                                                                                                   | End Band(Min): 0.01                                             |
| ECCN: EAR99                                                                                                                | End Band (max): 0.030                                           |
| RoHS Compliance: No                                                                                                        | Standard Item: No                                               |
| REACH: Yes                                                                                                                 | Lead Time Typical (Weeks)*: 23                                  |
| Country of Origin: MX or US                                                                                                | Length (Min): 0.070                                             |
| Product Family: Capacitors                                                                                                 | Length (Max): 0.090                                             |
| Product Subfamily: Capacitors High-Q MLC L-Series                                                                          | Width (Min):0.040                                               |
| Capacitance Value: 1200.000                                                                                                | Width (Max): 0.060                                              |
| Cap Unit of Meas: pF                                                                                                       | Part Weight (mg): None                                          |
| Tolerance: ±10%                                                                                                            | Packaged Width (lb) Arm: None                                   |
| Voltage: 50.0                                                                                                              | Packaging: 7" Reel Embossed Tape                                |
| Dielectric Temp Coefficient: Hi-Q NP0/C0G                                                                                  | Packaging Qty: 3000                                             |
| Termination: 6                                                                                                             | Operating Temp Range: -55°C to +125°C                           |
| Marking: EIA Mark                                                                                                          | Storage Temp Range (Packaged): +5°C to +40°C with RH 20% to 70% |
| Product Release Date: Jan. 2, 2018                                                                                         | Storage Temp Range (None Operating): -65°C to +125°C            |
| Harmonization: 8532.24.00.20                                                                                               |                                                                 |

\*This can vary significantly so it is important to obtain a quotation with lead time for production planning purposes.

Web Page Link: <https://www.johansontechnology.com/high-q-multi-layer-capacitors>

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