

# Johanson Part Number QLCT500Q222G3GU002E

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|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| Johanson Part Number: QLCT500Q222G3GU002E                                                                                      | Johanson Company: JTI                                           |
| Legacy P/N: 500R15L222GU3E-AEC                                                                                                 | Size for Capacitors (EIA): 0805                                 |
| Description: Capacitors High-Q MLC L-Series, 0805, Hi-Q NP0/C0G, 50V, 2200pF±2%, Cu/Sn (RoHS), 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: Yes, RoHS 10/10                                                                                               | 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: 2200.000                                                                                                    | Width (Max): 0.060                                              |
| Cap Unit of Meas: pF                                                                                                           | Part Weight (mg): None                                          |
| Tolerance: ±2%                                                                                                                 | 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: Cap Code & Tol                                                                                                        | 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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