

# Johanson Part Number QEDB501Q2R0A3NT001B

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| Johanson Part Number: QEDB501Q2R0A3NT001B  | Johanson Company: JTI   |
| Legacy P/N: 501S42E2R0AT3S   | Size for Capacitors (EIA): 1111                                       |
| Description: Capacitors High-Q MLC E-Series, 1111, Hi-Q NP0/C0G, 500V, 2.0pF±0.05pF, Ni/SnPb, Bulk | Specification Number: 35S0144B  |
| Life Cycle Stage: Active   | NCNR: Yes   |
| AEC Q200 Qualified: No   | Thickness (Max): 0.102  |
| Schedule B: 8532.24.00.20  | Thickness (Min): None   |
| ITAR: No   | End Band(Min): 0.01   |
| ECCN: EAR99  | End Band (max): 0.023   |
| RoHS Compliance: No  | Standard Item: No   |
| REACH: Yes   | Lead Time Typical (Weeks)*: 20  |
| Country of Origin: MX or US  | Length (Min): 0.100   |
| Product Family: Capacitors   | Length (Max): 0.130   |
| Product Subfamily: Capacitors High-Q MLC E-Series  | Width (Min):0.095   |
| Capacitance Value: 2.000   | Width (Max): 0.125  |
| Cap Unit of Meas: pF   | Part Weight (mg): 74.90   |
| Tolerance: ±0.05pF   | Packaged Width (lb) Arm: None   |
| Voltage: 500.0   | Packaging: Bulk   |
| Dielectric Temp Coefficient: Hi-Q NP0/C0G  | Packaging Qty: None   |
| Termination: 6   | Operating Temp Range: -55°C to +150°C                                 |
| Marking: Cap Code & Tol  | Storage Temp Range (Packaged): -65°C to +150°C                        |
| Product Release Date: Jan. 18, 2006, 8 a.m.  | Storage Temp Range (None Operating): +5°C to +40°C with RH 20% to 70% |
| 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/S42E>

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