# Johanson Part Number QEDB500Q102K1GV002E

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| Johanson Part Number: QEDB500Q102K1GV002E | Johanson Company: JTI |
| Legacy P/N: 500S42E102KV4E-AEC | Size for Capacitors (EIA): 1111 |
| Description: Capacitors High-Q MLC E-Series, 1111, Hi-Q NP0/C0G, 50V, 1000pF±10%, Ni/Sn (RoHS), 7" Reel Embossed Tape, AEC Q200 | Specification Number: 35S0144B |
| Life Cycle Stage: Active | NCNR: No |
| AEC Q200 Qualified: Yes | 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: Yes, RoHS 10/10 | Standard Item: Yes |
| REACH: Yes | Lead Time Typical (Weeks)*: 19 |
| 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: 1000.000 | Width (Max): 0.125 |
| Cap Unit of Meas: pF | Part Weight (mg): 74.90 |
| Tolerance: ±10% | Packaged Width (lb) Arm: 0.45 |
| Voltage: 50.0 | Packaging: 7" Reel Embossed Tape |
| Dielectric Temp Coefficient: Hi-Q NP0/C0G | Packaging Qty: 2000 |
| Termination: 68 | Operating Temp Range: -55°C to +150°C |
| Marking: No Mark | Storage Temp Range (Packaged): +5°C to +40°C with RH 20% to 70% |
| Product Release Date: Jan. 18, 2006 | Storage Temp Range (None Operating): -65°C to +150°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/S42E

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