# Johanson Part Number QPDB501Q820M3GU001E

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| Johanson Part Number: QPDB501Q820M3GU001E | Johanson Company: JTI |
| Legacy P/N: None | Size for Capacitors (EIA): 1111 |
| Description: Capacitors High-Q MLC P-Series, 1111, Hi-Q NP0/C0G, 500.0V, 82.000pF±20% cap, Cu/Sn (RoHS), 7" Reel Embossed Tape cap | Specification Number: 435S706 |
| Life Cycle Stage: Active | NCNR: No |
| 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): 0.025 |
| 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 P-Series | Width (Min):0.095 |
| Capacitance Value: 82.000 | Width (Max): 0.125 |
| Cap Unit of Meas: pF | Part Weight (mg): None |
| Tolerance: ±20% | Packaged Width (lb) Arm: None |
| Voltage: 500.0 | Packaging: 7" Reel Embossed Tape |
| Dielectric Temp Coefficient: Hi-Q NP0/C0G | Packaging Qty: 2000 |
| 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: June 1, 2025 | 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/products/high-q-porcelain-p90-capacitors

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