

# Johanson Part Number QPDB501Q0R5C3GV001K

Johanson Part Number: QPDB501Q0R5C3GV001K

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, 0.500pF±0.25pF, Ni/Sn (RoHS) Cap, 5" Reel Embossed Tape

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)\*: 16

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: 0.500

Width (Max): 0.125

Cap Unit of Meas: pF

Part Weight (mg): None

Tolerance: ±0.25pF

Packaged Width (lb) Arm: None

Voltage: 500.0

Packaging: 5" Reel Embossed Tape

Dielectric Temp Coefficient: Hi-Q NP0/C0G

Packaging Qty: 500

Termination: 68

Operating Temp Range: -55°C to +125°C

Marking: Cap Code & Tol

Storage Temp Range (Packaged): -65°C to +125°C

Product Release Date: June 1, 2025, 7 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/products/high-q-porcelain-p90-capacitors>

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