

# Johanson Part Number QPFM501Q512F3NC001E

Johanson Part Number: QPFM501Q512F3NC001E

Johanson Company: JTI

Legacy P/N: None

Size for Capacitors (EIA): 3838

Description: Capacitors High-Q MLC P-Series, 3838, Hi-Q NP0/C0G, 500.0V, 5,100.000pF±1% cap, Cu/SnPb, 7" Reel Embossed Tape cap

Specification Number: 435S706

Life Cycle Stage: Active

NCNR: No

AEC Q200 Qualified: No

Thickness (Max): 0.170

Schedule B: 8532.24.00.20

Thickness (Min): None

ITAR: No

End Band(Min): None

ECCN: EAR99

End Band (max): 0.040

RoHS Compliance: Yes, RoHS 10/10

Standard Item: Yes

REACH: Yes

Lead Time Typical (Weeks)\*: 18

Country of Origin: MX or US

Length (Min): 0.370

Product Family: Capacitors

Length (Max): 0.395

Product Subfamily: Capacitors High-Q MLC P-Series

Width (Min):0.390

Capacitance Value: 5100.000

Width (Max): 0.370

Cap Unit of Meas: pF

Part Weight (mg): None

Tolerance: ±1%

Packaged Width (lb) Arm: None

Voltage: 500.0

Packaging: 7" Reel Embossed Tape

Dielectric Temp Coefficient: Hi-Q NP0/C0G

Packaging Qty: 250

Termination: 6

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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