

# Johanson Part Number QLCT500Q821K3NC002W

Johanson Part Number: QLCT500Q821K3NC002W

Johanson Company: JTI

Legacy P/N: 500R15L821KC3W-AEC

Size for Capacitors (EIA): 0805

Description: Capacitors High-Q MLC L-Series, 0805, Hi-Q NP0/C0G, 50V, 820pF±10%, Cu/SnPb, Waffle Pack, AEC Q200

Specification Number: 36S00140

Life Cycle Stage: Active

NCNR: No

AEC Q200 Qualified: Yes

Thickness (Max): 0.055

Schedule B: 8532.24.00.20

Thickness (Min): None

ITAR: No

End Band(Min): 0.01

ECCN: EAR99

End Band (max): 0.030

RoHS Compliance: Yes, RoHS 10/10

Standard Item: No

REACH: Yes

Lead Time Typical (Weeks)\*: 23

Country of Origin: MX or US

Length (Min): 0.070

Product Family: Capacitors

Length (Max): 0.090

Product Subfamily: Capacitors High-Q MLC L-Series

Width (Min):0.040

Capacitance Value: 820.000

Width (Max): 0.060

Cap Unit of Meas: pF

Part Weight (mg): None

Tolerance: ±10%

Packaged Width (lb) Arm: None

Voltage: 50.0

Packaging: Waffle Pack

Dielectric Temp Coefficient: Hi-Q NP0/C0G

Packaging Qty: None

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: Jan. 2, 2018, 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/high-q-multi-layer-capacitors>

Printed from: <https://www.johansontechnology.com/part/QLCT500Q821K3NC002W/>