

# Johanson Part Number QLCT500Q821G2GV002E

Johanson Part Number: QLCT500Q821G2GV002E

Johanson Company: JTI

Legacy P/N: 500R15L821GV6E-AEC

Size for Capacitors (EIA): 0805

Description: Capacitors High-Q MLC L-Series, 0805,  
Hi-Q NP0/C0G, 50V, 820pF $\pm$ 2%, Ni/Sn (RoHS), 7"  
Reel Embossed Tape, 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)\*: 21

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:  $\pm$ 2%

Packaged Width (lb) Arm: None

Voltage: 50.0

Packaging: 7" Reel Embossed Tape

Dielectric Temp Coefficient: Hi-Q NP0/C0G

Packaging Qty: 3000

Termination: 68

Operating Temp Range: -55°C to +125°C

Marking: EIA Mark

Storage Temp Range (Packaged): +5°C to +40°C  
with RH 20% to 70%

Product Release Date: Jan. 2, 2018

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/high-q-multi-layer-capacitors>

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