

Johanson Part Number QLCD500Q0R5A1GV002T

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Johanson Company: JTI

Legacy P/N: 500R05L0R5AV4T-AEC

Size for Capacitors (EIA): 0201

Description: Capacitors High-Q MLC L-Series, 0201, Hi-Q NP0/C0G, 50V, 0.5pF±0.05pF, Ni/Sn (RoHS), 7" Reel Paper Tape, AEC Q200

Specification Number: 35S0106F

Life Cycle Stage: Active

NCNR: No

AEC Q200 Qualified: Yes

Thickness (Max): 0.013

Schedule B: 8532.24.00.20

Thickness (Min): 0.011

ITAR: No

End Band(Min): None

ECCN: EAR99

End Band (max): 0.008

RoHS Compliance: Yes, RoHS 10/10

Standard Item: Yes

REACH: Yes

Lead Time Typical (Weeks)*: 21

Country of Origin: MX or US

Length (Min): 0.023

Product Family: Capacitors

Length (Max): 0.025

Product Subfamily: Capacitors High-Q MLC L-Series

Width (Min):0.011

Capacitance Value: 0.500

Width (Max): 0.013

Cap Unit of Meas: pF

Part Weight (mg): 0.44

Tolerance: ±0.05pF

Packaged Width (lb) Arm: 0.30

Voltage: 50.0

Packaging: 7" Reel Paper Tape

Dielectric Temp Coefficient: Hi-Q NP0/C0G

Packaging Qty: 15000

Termination: 68

Operating Temp Range: -55°C to +125°C

Marking: No Mark

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

Product Release Date: Jan. 3, 2006, 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/R05L>

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