

# Johanson Part Number QEDB501Q820G3GV002E

Johanson Part Number: QEDB501Q820G3GV002E

Johanson Company: JTI

Legacy P/N: 501S42E820GV3E-AEC

Size for Capacitors (EIA): 1111

Description: Capacitors High-Q MLC E-Series, 1111, Hi-Q NP0/C0G, 500V, 82pF±2%, Ni/Sn (RoHS), 7" Reel Embossed Tape, AEC Q200

Specification Number: 35S0144B

Life Cycle Stage: Active

NCNR: No

AEC Q200 Qualified: Yes

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): 0.023

RoHS Compliance: Yes, RoHS 10/10

Standard Item: Yes

REACH: Yes

Lead Time Typical (Weeks)\*: 18

Country of Origin: MX or US

Length (Min): 0.100

Product Family: Capacitors

Length (Max): 0.130

Product Subfamily: Capacitors High-Q MLC E-Series

Width (Min):0.095

Capacitance Value: 82.000

Width (Max): 0.125

Cap Unit of Meas: pF

Part Weight (mg): 74.90

Tolerance: ±2%

Packaged Width (lb) Arm: 0.45

Voltage: 500.0

Packaging: 7" Reel Embossed Tape

Dielectric Temp Coefficient: Hi-Q NP0/C0G

Packaging Qty: 2000

Termination: 68

Operating Temp Range: -55°C to +150°C

Marking: Cap Code & Tol

Storage Temp Range (Packaged): -65°C to +150°C

Product Release Date: Jan. 18, 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/S42E>

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