

# Johanson Part Number TDCP500G820GZNT001B

Johanson Part Number: TDCP500G820GZNT001B

Johanson Company: JDI

Legacy P/N: 500R14N820GT3

Size for Capacitors (EIA): 0603

Description: Capacitors SMT, NP0/COG, 0603, 50V, 82pF±2%, Ni/SnPb, Bulk

Specification Number: None

Life Cycle Stage: Active

NCNR: No

AEC Q200 Qualified: No

Thickness (Max): 0.035

Schedule B: 8532.24.00.20

Thickness (Min): None

ITAR: No

End Band(Min): 0.01

ECCN: EAR99

End Band (max): 0.015

RoHS Compliance: No

Standard Item: Yes

REACH: Yes

Lead Time Typical (Weeks)\*: 20

Country of Origin: US, MX, or CN

Length (Min): 0.055

Product Family: Capacitors

Length (Max): 0.071

Product Subfamily: Capacitors Surface Mount < 500V

Width (Min):0.024

Capacitance Value: 82.000

Width (Max): 0.040

Cap Unit of Meas: pF

Part Weight (mg): 8.00

Tolerance: ±2%

Packaged Width (lb) Arm: None

Voltage: 50.0

Packaging: Bulk

Dielectric Temp Coefficient: NP0/COG

Packaging Qty: None

Termination: 6

Operating Temp Range: -55°C to +125°C

Marking: Special

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.johansondielectrics.com/surface-mount-mlc-capacitors>

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