

# Johanson Part Number TDCK500G8R2D1GP001T

Johanson Part Number: TDCK500G8R2D1GP001T

Johanson Company: JDI

Legacy P/N: 500R11N8R2DP4T

Size for Capacitors (EIA): 0504

Description: Capacitors Surface Mount PME < 500V,  
0504, NP0/C0G, 50.0V, 8.200pF±0.5pF, Pd/Ag  
(RoHS), 7" Reel Paper Tape

Specification Number: None

Life Cycle Stage: Active

NCNR: Yes

AEC Q200 Qualified: No

Thickness (Max): 0.040

Schedule B: 8532.24.00.20

Thickness (Min): 0.020

ITAR: No

End Band(Min): 0.01

ECCN: EAR99

End Band (max): 0.015

RoHS Compliance: Yes, RoHS 10/10

Standard Item: No

REACH: Yes

Lead Time Typical (Weeks)\*: 20

Country of Origin: US, MX, or CN

Length (Min): 0.040

Product Family: Capacitors

Length (Max): 0.060

Product Subfamily: Capacitors Surface Mount <  
500V

Width (Min):0.030

Capacitance Value: 8.200

Width (Max): 0.050

Cap Unit of Meas: pF

Part Weight (mg): None

Tolerance: ±0.5pF

Packaged Width (lb) Arm: None

Voltage: 50.0

Packaging: 7" Reel Paper Tape

Dielectric Temp Coefficient: NP0/C0G

Packaging Qty: 4000

Termination: 78

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

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