

# Johanson Part Number TDCG500G6R8B1GG001B

Johanson Part Number: TDCG500G6R8B1GG001B

Johanson Company: JDI

Legacy P/N: 500R09N6R8BG4B

Size for Capacitors (EIA): 0403

Description: Capacitors Surface Mount PME < 500V,  
0403, NP0/C0G CAP, 50.0V, 6.800pF±0.1pF CAP,  
Ni/Au (RoHS) CAP, Bulk CAP

Specification Number: None

Life Cycle Stage: Active

NCNR: Yes

AEC Q200 Qualified: No

Thickness (Max): 0.030

Schedule B: 8532.24.00.20

Thickness (Min): 0.020

ITAR: No

End Band(Min): 0.01

ECCN: EAR99

End Band (max): 0.010

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): 0.030

Product Family: Capacitors

Length (Max): 0.050

Product Subfamily: Capacitors Surface Mount <  
500V

Width (Min):0.020

Capacitance Value: 6.800

Width (Max): 0.040

Cap Unit of Meas: pF

Part Weight (mg): None

Tolerance: ±0.1pF

Packaged Width (lb) Arm: None

Voltage: 50.0

Packaging: Bulk

Dielectric Temp Coefficient: NP0/C0G

Packaging Qty: None

Termination: 74

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, 2007, 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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