

# Johanson Part Number TDCT500G822FZGV001B

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|--------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| Johanson Part Number: TDCT500G822FZGV001B                                      | Johanson Company: JDI                                                 |
| Legacy P/N: 500R15N822FV3                                                      | Size for Capacitors (EIA): 0805                                       |
| Description: Capacitors SMT, NP0/C0G, 0805, 50V, 8200pF±1%, Ni/Sn (RoHS), Bulk | Specification Number: None                                            |
| Life Cycle Stage: EOL                                                          | NCNR: No                                                              |
| AEC Q200 Qualified: No                                                         | Thickness (Max): 0.050                                                |
| Schedule B: 8532.24.00.20                                                      | Thickness (Min): None                                                 |
| ITAR: No                                                                       | End Band(Min): 0.01                                                   |
| ECCN: EAR99                                                                    | End Band (max): 0.030                                                 |
| RoHS Compliance: Yes, RoHS 10/10                                               | Standard Item: Yes                                                    |
| REACH: Yes                                                                     | Lead Time Typical (Weeks)*: 12                                        |
| Country of Origin: US, MX, or CN                                               | Length (Min): 0.070                                                   |
| Product Family: Capacitors                                                     | Length (Max): 0.090                                                   |
| Product Subfamily: Capacitors Surface Mount < 500V                             | Width (Min):0.040                                                     |
| Capacitance Value: 8200.000                                                    | Width (Max): 0.060                                                    |
| Cap Unit of Meas: pF                                                           | Part Weight (mg): 24.00                                               |
| Tolerance: ±1%                                                                 | Packaged Width (lb) Arm: None                                         |
| Voltage: 50.0                                                                  | Packaging: Bulk                                                       |
| Dielectric Temp Coefficient: NP0/C0G                                           | Packaging Qty: None                                                   |
| Termination: 68                                                                | 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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