

# Johanson Part Number TDCT500G8R2B2NT001T

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| Johanson Part Number: TDCT500G8R2B2NT001T   | Johanson Company: JDI   |
| Legacy P/N: 500R15N8R2BT6T  | Size for Capacitors (EIA): 0805                                       |
| Description: Capacitors SMT, NP0/C0G, 0805, 50V, 8.2pF±0.1pF, Ni/SnPb, 7" Reel Paper Tape | Specification Number: None  |
| Life Cycle Stage: Active  | 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: No   | Standard Item: Yes  |
| REACH: Yes  | Lead Time Typical (Weeks)*: 20  |
| 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: 8.200  | Width (Max): 0.060  |
| Cap Unit of Meas: pF  | Part Weight (mg): 24.00   |
| Tolerance: ±0.1pF   | Packaged Width (lb) Arm: None   |
| Voltage: 50.0   | Packaging: 7" Reel Paper Tape   |
| Dielectric Temp Coefficient: NP0/C0G  | Packaging Qty: None   |
| Termination: 6  | Operating Temp Range: -55°C to +125°C                                 |
| Marking: EIA 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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