

# Johanson Part Number TDCP500G102GZNT001B

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|---------------------------------------------------------------------------|-----------------------------------------------------------------------|
| Johanson Part Number: TDCP500G102GZNT001B                                 | Johanson Company: JDI                                                 |
| Legacy P/N: 500R14N102GT3                                                 | Size for Capacitors (EIA): 0603                                       |
| Description: Capacitors SMT, NP0/C0G, 0603, 50V, 1000pF±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: 1000.000                                               | 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/C0G                                      | 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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