

# Johanson Part Number TDCP500G180GZNT001R

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| Johanson Part Number: TDCP500G180GZNT001R  | Johanson Company: JDI   |
| Legacy P/N: 500R14N180GT3R   | Size for Capacitors (EIA): 0603                                       |
| Description: Capacitors SMT, NP0/C0G, 0603, 50V, 18pF±2%, Ni/SnPb, 13" Reel Paper Tape | 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: 18.000  | 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: 13" Reel Paper Tape  |
| 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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