

# Johanson Part Number TDDD500W104M1GV001E

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|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| Johanson Part Number: TDDD500W104M1GV001E                                                               | Johanson Company: JDI                                                                       |
| Legacy P/N: 500R18W104MV4E                                                                              | Size for Capacitors (EIA): 1206                                                             |
| Description: Capacitors SMT, X7R, 1206, 50V, 0.1 $\mu$ F $\pm$ 20%, Ni/Sn (RoHS), 7" Reel Embossed Tape | 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): 0.115                                                                         |
| Product Family: Capacitors                                                                              | Length (Max): 0.135                                                                         |
| Product Subfamily: Capacitors Surface Mount < 500V                                                      | Width (Min):0.052                                                                           |
| Capacitance Value: 0.100                                                                                | Width (Max): 0.072                                                                          |
| Cap Unit of Meas: $\mu$ F                                                                               | Part Weight (mg): 40.00                                                                     |
| Tolerance: $\pm$ 20%                                                                                    | Packaged Width (lb) Arm: None                                                               |
| Voltage: 50.0                                                                                           | Packaging: 7" Reel Embossed Tape                                                            |
| Dielectric Temp Coefficient: X7R                                                                        | Packaging Qty: None                                                                         |
| Termination: 68                                                                                         | Operating Temp Range: -55 $^{\circ}$ C to +125 $^{\circ}$ C                                 |
| Marking: No Mark                                                                                        | Storage Temp Range (Packaged): -65 $^{\circ}$ C to +125 $^{\circ}$ C                        |
| Product Release Date: Jan. 2, 2006, 8 a.m.                                                              | Storage Temp Range (None Operating): +5 $^{\circ}$ C to +40 $^{\circ}$ 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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