

# Johanson Part Number TDDR251W474K1NT001B

|                                                                                                            |                                                                       |
|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| Johanson Part Number: TDDR251W474K1NT001B                                                                  | Johanson Company: JDI                                                 |
| Legacy P/N: 251S43W474KT4                                                                                  | Size for Capacitors (EIA): 1812                                       |
| Description: Capacitors Surface Mount PME < 500V, 1812, X7R, 250.0V, 0.47 $\mu$ F $\pm$ 10%, Ni/SnPb, Bulk | Specification Number: None                                            |
| Life Cycle Stage: Active                                                                                   | NCNR: Yes                                                             |
| AEC Q200 Qualified: No                                                                                     | Thickness (Max): 0.110                                                |
| Schedule B: 8532.24.00.20                                                                                  | Thickness (Min): None                                                 |
| ITAR: No                                                                                                   | End Band(Min): 0.01                                                   |
| ECCN: EAR99                                                                                                | End Band (max): 0.040                                                 |
| RoHS Compliance: No                                                                                        | Standard Item: No                                                     |
| REACH: Yes                                                                                                 | Lead Time Typical (Weeks)*: 18                                        |
| Country of Origin: US, MX, or CN                                                                           | Length (Min): 0.165                                                   |
| Product Family: Capacitors                                                                                 | Length (Max): 0.189                                                   |
| Product Subfamily: Capacitors Surface Mount < 500V                                                         | Width (Min):0.115                                                     |
| Capacitance Value: 0.470                                                                                   | Width (Max): 0.135                                                    |
| Cap Unit of Meas: $\mu$ F                                                                                  | Part Weight (mg): None                                                |
| Tolerance: $\pm$ 10%                                                                                       | Packaged Width (lb) Arm: None                                         |
| Voltage: 250.0                                                                                             | Packaging: Bulk                                                       |
| Dielectric Temp Coefficient: X7R                                                                           | Packaging Qty: None                                                   |
| Termination: 6                                                                                             | Operating Temp Range: -55°C to +125°C                                 |
| Marking: No 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/high-voltage-mlc-capacitors>

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