

# Johanson Part Number VBDV302W181M1NT001B

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|-----------------------------------------------------------------------------|-----------------------------------------------------------------------|
| Johanson Part Number: VBDV302W181M1NT001B                                   | Johanson Company: JDI                                                 |
| Legacy P/N: 302S49W181MT4-BME                                               | Size for Capacitors (EIA): 1825                                       |
| Description: Capacitors HVS BME, 1825, X7R, 3000V, 180pF±20%, Ni/SnPb, Bulk | Specification Number: None                                            |
| Life Cycle Stage: Active                                                    | NCNR: Yes                                                             |
| AEC Q200 Qualified: No                                                      | Thickness (Max): 0.140                                                |
| 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, TW, or CN                                        | Length (Min): 0.170                                                   |
| Product Family: Capacitors                                                  | Length (Max): 0.190                                                   |
| Product Subfamily: Capacitors High Voltage SMD ≥ 500V                       | Width (Min):0.240                                                     |
| Capacitance Value: 180.000                                                  | Width (Max): 0.260                                                    |
| Cap Unit of Meas: pF                                                        | Part Weight (mg): None                                                |
| Tolerance: ±20%                                                             | Packaged Width (lb) Arm: None                                         |
| Voltage: 3000.0                                                             | 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. 10, 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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