

# Johanson Part Number VPEH502W181K2GV001B

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|----------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| Johanson Part Number: VPEH502W181K2GV001B                                        | Johanson Company: JDI                                                 |
| Legacy P/N: 502S48W181KV6                                                        | Size for Capacitors (EIA): 2225                                       |
| Description: Capacitors HVS PME, 2225, X7R, 5000V, 180pF±10%, Ni/Sn (RoHS), Bulk | Specification Number: None                                            |
| Life Cycle Stage: Active                                                         | NCNR: No                                                              |
| AEC Q200 Qualified: No                                                           | Thickness (Max): 0.160                                                |
| 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: Yes, RoHS 10/10                                                 | Standard Item: Yes                                                    |
| REACH: Yes                                                                       | Lead Time Typical (Weeks)*: 16                                        |
| Country of Origin: US, MX, TW, or CN                                             | Length (Min): 0.215                                                   |
| Product Family: Capacitors                                                       | Length (Max): 0.235                                                   |
| Product Subfamily: Capacitors High Voltage SMD ≥ 500V                            | Width (Min):0.240                                                     |
| Capacitance Value: 180.000                                                       | Width (Max): 0.270                                                    |
| Cap Unit of Meas: pF                                                             | Part Weight (mg): 590.00                                              |
| Tolerance: ±10%                                                                  | Packaged Width (lb) Arm: None                                         |
| Voltage: 5000.0                                                                  | Packaging: Bulk                                                       |
| Dielectric Temp Coefficient: X7R                                                 | Packaging Qty: None                                                   |
| Termination: 68                                                                  | Operating Temp Range: -55°C to +125°C                                 |
| Marking: EIA Mark                                                                | Storage Temp Range (Packaged): -65°C to +125°C                        |
| Product Release Date: Jan. 4, 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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