

# Johanson Part Number VBDV501W104M2GV001E

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| Johanson Part Number: VBDV501W104M2GV001E  | Johanson Company: JDI   |
| Legacy P/N: 501S49W104MV6E-BME   | Size for Capacitors (EIA): 1825   |
| Description: Capacitors HVS BME, 1825, X7R, 500V, 0.1 $\mu$ F $\pm$ 20%, Ni/Sn (RoHS), 7" Reel Embossed Tape | Specification Number: None  |
| Life Cycle Stage: Active   | NCNR: No  |
| 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: Yes, RoHS 10/10   | Standard Item: Yes  |
| REACH: Yes   | Lead Time Typical (Weeks)*: 16  |
| Country of Origin: US, MX, TW, or CN   | Length (Min): 0.170   |
| Product Family: Capacitors   | Length (Max): 0.190   |
| Product Subfamily: Capacitors High Voltage SMD $\geq$ 500V   | Width (Min):0.240   |
| Capacitance Value: 0.100   | Width (Max): 0.260  |
| Cap Unit of Meas: $\mu$ F  | Part Weight (mg): None  |
| Tolerance: $\pm$ 20%   | Packaged Width (lb) Arm: None   |
| Voltage: 500.0   | 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: EIA Mark  | Storage Temp Range (Packaged): -65 $^{\circ}$ C to +125 $^{\circ}$ C                        |
| Product Release Date: Jan. 10, 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/high-voltage-mlc-capacitors>

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