

# Johanson Part Number VBEF501W184M1GF001B

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| Johanson Part Number: VBEF501W184M1GF001B  | Johanson Company: JDI   |
| Legacy P/N: 501S47W184MF4-BME  | Size for Capacitors (EIA): 2220   |
| Description: Capacitors HVS BME, 2220, X7R, 500V, 0.18 $\mu$ F $\pm$ 20%, Polyterm Sn (RoHS), Bulk | Specification Number: None  |
| Life Cycle Stage: Active   | NCNR: No  |
| AEC Q200 Qualified: No   | Thickness (Max): 0.150  |
| 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)*: 18  |
| Country of Origin: US, MX, TW, or CN   | Length (Min): 0.210   |
| Product Family: Capacitors   | Length (Max): 0.240   |
| Product Subfamily: Capacitors High Voltage SMD $\geq$ 500V   | Width (Min):0.185   |
| Capacitance Value: 0.180   | Width (Max): 0.215  |
| Cap Unit of Meas: $\mu$ F  | Part Weight (mg): None  |
| Tolerance: $\pm$ 20%   | Packaged Width (lb) Arm: None   |
| Voltage: 500.0   | Packaging: Bulk   |
| Dielectric Temp Coefficient: X7R   | Packaging Qty: None   |
| Termination: 70  | 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. 3, 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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