

# Johanson Part Number VBEF302W221M1GF001B

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|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| Johanson Part Number: VBEF302W221M1GF001B                                              | Johanson Company: JDI                                                 |
| Legacy P/N: 302S47W221MF4-BME                                                          | Size for Capacitors (EIA): 2220                                       |
| Description: Capacitors HVS BME, 2220, X7R, 3000V, 220pF±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 ≥ 500V                                  | Width (Min):0.185                                                     |
| Capacitance Value: 220.000                                                             | Width (Max): 0.215                                                    |
| 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: 70                                                                        | 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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