

# Johanson Part Number VBDD102W822M2NT001B

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|------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| Johanson Part Number: VBDD102W822M2NT001B                                    | Johanson Company: JDI                                                 |
| Legacy P/N: 102R18W822MT6-BME                                                | Size for Capacitors (EIA): 1206                                       |
| Description: Capacitors HVS BME, 1206, X7R, 1000V, 8200pF±20%, Ni/SnPb, Bulk | Specification Number: None                                            |
| Life Cycle Stage: Active                                                     | NCNR: Yes                                                             |
| AEC Q200 Qualified: No                                                       | Thickness (Max): 0.067                                                |
| Schedule B: 8532.24.00.20                                                    | Thickness (Min): None                                                 |
| ITAR: No                                                                     | End Band(Min): 0.01                                                   |
| ECCN: EAR99                                                                  | End Band (max): 0.030                                                 |
| RoHS Compliance: No                                                          | Standard Item: No                                                     |
| REACH: Yes                                                                   | Lead Time Typical (Weeks)*: 18                                        |
| Country of Origin: US, MX, TW, or CN                                         | Length (Min): 0.115                                                   |
| Product Family: Capacitors                                                   | Length (Max): 0.135                                                   |
| Product Subfamily: Capacitors High Voltage SMD ≥ 500V                        | Width (Min):0.052                                                     |
| Capacitance Value: 8200.000                                                  | Width (Max): 0.072                                                    |
| Cap Unit of Meas: pF                                                         | Part Weight (mg): None                                                |
| Tolerance: ±20%                                                              | Packaged Width (lb) Arm: None                                         |
| Voltage: 1000.0                                                              | Packaging: Bulk                                                       |
| Dielectric Temp Coefficient: X7R                                             | Packaging Qty: None                                                   |
| Termination: 6                                                               | Operating Temp Range: -55°C to +125°C                                 |
| Marking: EIA Mark                                                            | Storage Temp Range (Packaged): -65°C to +125°C                        |
| Product Release Date: Jan. 2, 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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