

# Johanson Part Number VBDF501W183M2NT001E

Johanson Part Number: VBDF501W183M2NT001E

Johanson Company: JDI

Legacy P/N: 501S41W183MT6E-BME

Size for Capacitors (EIA): 1210

Description: Capacitors High Voltage BME SMD  $\geq$  500V, 1210, X7R, 500.0V, 0.018 $\mu$ F $\pm$ 20%, Ni/SnPb, 7" Reel Embossed Tape

Specification Number: None

Life Cycle Stage: Active

NCNR: Yes

AEC Q200 Qualified: No

Thickness (Max): 0.080

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  $\geq$  500V

Width (Min):0.085

Capacitance Value: 0.018

Width (Max): 0.105

Cap Unit of Meas:  $\mu$ F

Part Weight (mg): 74.90

Tolerance:  $\pm$ 20%

Packaged Width (lb) Arm: 0.45

Voltage: 500.0

Packaging: 7" Reel Embossed Tape

Dielectric Temp Coefficient: X7R

Packaging Qty: None

Termination: 6

Operating Temp Range: -55°C to +125°C

Marking: EIA Mark

Storage Temp Range (Packaged): +5°C to +40°C with RH 20% to 70%

Product Release Date: Jan. 3, 2006

Storage Temp Range (None Operating): -65°C to +125°C

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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