

Johanson Product Information for D2ND500W186X3L2001F

**Johanson Company: Johanson Dielectrics inc.**

Web Page Link:

Deprecated P/N: 500E38W186ZM4C-BME

<https://www.johansondielectrics.com/switch-mode-ceramic-capacitors>

Datasheet Date: 04-24-2024

Size for Capacitors (EIA): 38145

Description: Capacitors SMPS E-Series BME - 2 chips, 38145, X7R, 50V, 18%F+80%/-20%, "L" Leads with Reduced Height, Packaged in Foam

Thickness (Max): 0.291

Life Cycle Stage: Active - Production

Lead Time Typical (Weeks)\*:  
\*This can vary significantly so it is important to obtain a quotation with lead time for production planning purposes. 12

Schedule B: 8532

Length (Max): 1.503

ECCN: EAR99

Width (Max): 0.472

REACH: 1

Packaging: Packaged in Foam

Product Family: Capacitors

Operating Temp Range: -55°C to +125°C

Product Subfamily: Capacitors SMPS E-Series BME - 2 chips

Storage Temp Range (Packaged): -65°C to +125°C

Capacitance Value: 18.000

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

Cap Unit of Meas:  $\mu$ F

Tolerance: +80%/-20%

Voltage: 50.0

Dielectric Temp Coefficient: X7R

Termination: 8

Marking: Cap Code & Tol