

Johanson Product Information for E1ND500B185X3SL001F

**Johanson Company: Johanson Dielectrics inc.**

Product Release Date: 30 November, -0001

Deprecated P/N: 500E28B185ZN4C

Web Page Link:

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

Datasheet Date: 07-25-2024

Description: Capacitors SMPS E-Series - 1 chip, 38145, BX, 50V, 1.8 $\mu$ F+80%/-20%, Straight Leads, Packaged in Foam

Size for Capacitors (EIA): 38145

Thickness (Max): 0.150

Life Cycle Stage: Active - Production

Thickness (Min): 0.000

Schedule B: 8532

End Band (Min):

ECCN: EAR99

End Band (Max):

RoHS Compliance: No

Lead Time Typical (Weeks)\*:

\*This can vary significantly so it is important to obtain a quotation with lead time for production planning purposes. 12

Product Family: Capacitors

Product Subfamily: Capacitors SMPS E-Series PME - 1 chip

Length (Min): 0.000

Length (Max): 1.503

Capacitance Value: 1.800

Width (Min): 0.000

Cap Unit of Meas:  $\mu$ F

Width (Max): 0.472

Tolerance: +80%/-20%

Packaged Weight (lb) Arm: 0.00

Voltage: 50.0

Packaging: Packaged in Foam

Dielectric Temp Coefficient: BX

Operating Temp Range: -55°C to +125°C

Termination: 7

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

Marking: Cap Code & Tol

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