

Johanson Product Information for E1ND500G184MZSL001F

**Johanson Company: Johanson Dielectrics inc.**

Product Release Date: 30 November, -0001

Deprecated P/N: 500E28N184MN3C

Web Page Link:

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

Datasheet Date: 07-20-2024

Description: Capacitors SMPS E-Series - 1 chip, 38145, NP0/C0G, 50V, 0.18 $\mu$ F $\pm$ 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: 0.180

Width (Min): 0.000

Cap Unit of Meas:  $\mu$ F

Width (Max): 0.472

Tolerance:  $\pm$ 20%

Packaged Weight (lb) Arm: 0.00

Voltage: 50.0

Packaging: Packaged in Foam

Dielectric Temp Coefficient: NP0/C0G

Operating Temp Range: -55 $^{\circ}$ C to +125 $^{\circ}$ C

Termination: 7

Storage Temp Range (Packaged): -65 $^{\circ}$ C to +125 $^{\circ}$ C

Marking: Special

Storage Temp Range (Non Operating): +5 $^{\circ}$ C to +40 $^{\circ}$ C with RH 20% to 70%