

# Johanson Part Number M2EH500W445J3J1001B

Johanson Part Number: M2EH500W445J3J1001B

Johanson Company: JDI

Legacy P/N: 500P28W445JJ4S

Size for Capacitors (EIA): 2225

Description: Capacitors SMPS P-Series - 2 chips,  
2225, X7R, 50V, 4.4 $\mu$ F $\pm$ 5%, "J" Leads, Bulk

Specification Number: None

Life Cycle Stage: Active

NCNR: No

AEC Q200 Qualified: No

Thickness (Max): 0.270

Schedule B: 8532.24.00.60

Thickness (Min): None

ITAR: No

End Band(Min): None

ECCN: EAR99

End Band (max): None

RoHS Compliance: No

Standard Item: No

REACH: Yes

Lead Time Typical (Weeks)\*: 24

Country of Origin: MX or US

Length (Min): None

Product Family: Capacitors

Length (Max): 0.280

Product Subfamily: Capacitors SMPS P-Series PME  
- 2 chips

Width (Min):None

Capacitance Value: 4.400

Width (Max): 0.270

Cap Unit of Meas:  $\mu$ F

Part Weight (mg): None

Tolerance:  $\pm$ 5%

Packaged Width (lb) Arm: None

Voltage: 50.0

Packaging: Bulk

Dielectric Temp Coefficient: X7R

Packaging Qty: None

Termination: 84

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

Marking: Cap Code & Tol

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

Product Release Date: Jan. 12, 2006, 8 a.m.

Storage Temp Range (None Operating): +5 $^{\circ}$ C to  
+40 $^{\circ}$ C with RH 20% to 70%

Harmonization: 8532.24.00.60

\*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/mini-switchmode-capacitors>

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