

# Johanson Part Number M1EM500W824X3SL001F

Johanson Part Number: M1EM500W824X3SL001F

Johanson Company: JDI

Legacy P/N: 500P05W824ZN4C

Size for Capacitors (EIA): 2324

Description: Capacitors SMPS P-Series - 1 chip,  
2324, X7R, 50V, 0.82 $\mu$ F+80%/-20%, Straight Leads,  
Packaged in Foam

Specification Number: None

Life Cycle Stage: Active

NCNR: No

AEC Q200 Qualified: No

Thickness (Max): 0.185

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): 0.224

Product Family: Capacitors

Length (Max): 0.275

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

Width (Min):None

Capacitance Value: 0.820

Width (Max): 0.300

Cap Unit of Meas:  $\mu$ F

Part Weight (mg): None

Tolerance: +80%/-20%

Packaged Width (lb) Arm: None

Voltage: 50.0

Packaging: Packaged in Foam

Dielectric Temp Coefficient: X7R

Packaging Qty: None

Termination: 7

Operating Temp Range: -55°C to +125°C

Marking: Cap Code & Tol

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

Product Release Date: Feb. 28, 2006, 8 a.m.

Storage Temp Range (None Operating): +5°C to  
+40°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/switch-mode-ceramic-capacitors>

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