

# Johanson Part Number M5EM500W225NZJ1001W

Johanson Part Number: M5EM500W225NZJ1001W

Johanson Company: JDI

Legacy P/N: 500P55W225NJ3W

Size for Capacitors (EIA): 2324

Description: Capacitors SMPS P-Series - 5 chips,  
2324, X7R, 50V, 2.2 $\mu$ F $\pm$ 30%, "J" Leads, Waffle Pack

Specification Number: None

Life Cycle Stage: Active

NCNR: No

AEC Q200 Qualified: No

Thickness (Max): 0.715

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  
- 5 chips

Width (Min):None

Capacitance Value: 2.200

Width (Max): 0.300

Cap Unit of Meas:  $\mu$ F

Part Weight (mg): None

Tolerance:  $\pm$ 30%

Packaged Width (lb) Arm: None

Voltage: 50.0

Packaging: Waffle Pack

Dielectric Temp Coefficient: X7R

Packaging Qty: None

Termination: 84

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

Marking: Special

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

Product Release Date: March 9, 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/switch-mode-ceramic-capacitors>

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