

# Johanson Part Number M1EM500W305M3J1001W

Johanson Part Number: M1EM500W305M3J1001W	Johanson Company: JDI
Legacy P/N: 500P05W305MJ4W	Size for Capacitors (EIA): 2324
Description: Capacitors SMPS P-Series - 1 chip, 2324, X7R, 50V, 3 $\mu$ F $\pm$ 20%, "J" Leads, Waffle Pack	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: 3.000	Width (Max): 0.300
Cap Unit of Meas: $\mu$ F	Part Weight (mg): None
Tolerance: $\pm$ 20%	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: Cap Code & Tol	Storage Temp Range (Packaged): -65 $^{\circ}$ C to +125 $^{\circ}$ C
Product Release Date: Feb. 28, 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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