

# Johanson Part Number M5EM500B185M3J1001W

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|---|---|
| Johanson Part Number: M5EM500B185M3J1001W   | Johanson Company: JDI   |
| Legacy P/N: 500P55B185MJ4W  | Size for Capacitors (EIA): 2324   |
| Description: Capacitors SMPS P-Series - 5 chips, 2324, BX, 50V, 1.8 $\mu$ F $\pm$ 20%, "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: 1.800  | 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: BX   | 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: None  | 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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