# Johanson Part Number EMDF500W104M1GV002E

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| Johanson Part Number: EMDF500W104M1GV002E | Johanson Company: JDI |
| Legacy P/N: 500X41W104MV4E+AQ | Size for Capacitors (EIA): 1210 |
| Description: EMI Filters, 1210, X7R, 50V, 0.10µF±20%, Ni/Sn (RoHS), 7" Reel Embossed Tape, AEC Q200 | Specification Number: None |
| Life Cycle Stage: Active | NCNR: No |
| AEC Q200 Qualified: Yes | Thickness (Max): 0.070 |
| Schedule B: 8532.24.00.20 | Thickness (Min): None |
| ITAR: No | End Band(Min): 0.01 |
| ECCN: EAR99 | End Band (max): 0.028 |
| RoHS Compliance: Yes, RoHS 10/10 | Standard Item: Yes |
| REACH: Yes | Lead Time Typical (Weeks)*: 30 |
| Country of Origin: US, MX, or CN | Length (Min): 0.115 |
| Product Family: Capacitors | Length (Max): 0.135 |
| Product Subfamily: EMI Filters | Width (Min):0.088 |
| Capacitance Value: 0.100 | Width (Max): 0.108 |
| Cap Unit of Meas: µF | Part Weight (mg): 80.00 |
| Tolerance: ±20% | Packaged Width (lb) Arm: None |
| Voltage: 50.0 | Packaging: 7" Reel Embossed Tape |
| Dielectric Temp Coefficient: X7R | Packaging Qty: 2000 |
| Termination: 68 | Operating Temp Range: -55°C to +125°C |
| Marking: No Mark | Storage Temp Range (Packaged): +5°C to +40°C with RH 20% to 70% |
| Product Release Date: Jan. 27, 2006 | Storage Temp Range (None Operating): -65°C to +125°C |
| Harmonization: 8532.24.00.20 | |

*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/emi-filter-decoupling-capacitors

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