

# Johanson Part Number EMCP500W103K1GV002B

Johanson Part Number: EMCP500W103K1GV002B

Johanson Company: JDI

Legacy P/N: 500X14W103KV4+AQ

Size for Capacitors (EIA): 0603

Description: EMI Filters, 0603, X7R, 50.0V,  
0.010 $\mu$ F $\pm$ 10%, Ni/Sn (RoHS), Bulk, AEC Q200  
Qualified

Specification Number: None

Life Cycle Stage: Active

NCNR: No

AEC Q200 Qualified: Yes

Thickness (Max): 0.026

Schedule B: 8532.24.00.20

Thickness (Min): None

ITAR: No

End Band(Min): 0.00

ECCN: EAR99

End Band (max): 0.016

RoHS Compliance: Yes, RoHS 10/10

Standard Item: Yes

REACH: Yes

Lead Time Typical (Weeks)\*: 16

Country of Origin: MX

Length (Min): 0.059

Product Family: Capacitors

Length (Max): 0.069

Product Subfamily: EMI Filters

Width (Min):0.030

Capacitance Value: 0.010

Width (Max): 0.040

Cap Unit of Meas:  $\mu$ F

Part Weight (mg): 8.00

Tolerance:  $\pm$ 10%

Packaged Width (lb) Arm: None

Voltage: 50.0

Packaging: Bulk

Dielectric Temp Coefficient: X7R

Packaging Qty: None

Termination: 68

Operating Temp Range: -55°C to +125°C

Marking: No Mark

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

Product Release Date: Jan. 9, 2006, 8 a.m.

Storage Temp Range (None Operating): +5°C to  
+40°C with RH 20% to 70%

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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