

# Johanson Part Number

## TDCP500W103K1GV001B-202407151914436420-202407151916463496

Johanson Part Number:

TDCP500W103K1GV001B-202407151914436420-2  
02407151916463496

Johanson Company: JDI

Legacy P/N: 500R14W103KV4

Size for Capacitors (EIA): 0603

Description: Capacitors High Reliability Low Voltage,  
0603, X7R, 50.0V, 0.010 $\mu$ F $\pm$ 10%, Ni/Sn (RoHS),  
Bulk

Specification Number: None

Life Cycle Stage: EOL

NCNR: No

AEC Q200 Qualified: No

Thickness (Max): 0.035

Schedule B: 8532.24.00.20

Thickness (Min): None

ITAR: No

End Band(Min): 0.01

ECCN: EAR99

End Band (max): 0.015

RoHS Compliance: Yes, RoHS 10/10

Standard Item: Yes

REACH: Yes

Lead Time Typical (Weeks)\*: 10

Country of Origin: MX or US

Length (Min): 0.055

Product Family: Capacitors

Length (Max): 0.071

Product Subfamily: Capacitors High Reliability Low  
Voltage

Width (Min):0.024

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. 3, 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/surface-mount-mlc-capacitors>

Printed from:

<https://www.johansontechnology.com/part/TDCP500W103K1GV001B-202407151914436420-202407151916463496/>