

# Johanson Part Number TDDR500W223MZNT001E

Johanson Part Number: TDDR500W223MZNT001E

Johanson Company: JDI

Legacy P/N: 500S43W223MT3E

Size for Capacitors (EIA): 1812

Description: Capacitors SMT, X7R, 1812, 50V,  
0.022 $\mu$ F $\pm$ 20%, Ni/SnPb, 7" Reel Embossed Tape

Specification Number: None

Life Cycle Stage: Active

NCNR: No

AEC Q200 Qualified: No

Thickness (Max): 0.085

Schedule B: 8532.24.00.20

Thickness (Min): None

ITAR: No

End Band(Min): 0.01

ECCN: EAR99

End Band (max): 0.040

RoHS Compliance: No

Standard Item: Yes

REACH: Yes

Lead Time Typical (Weeks)\*: 18

Country of Origin: US, MX, or CN

Length (Min): 0.165

Product Family: Capacitors

Length (Max): 0.185

Product Subfamily: Capacitors Surface Mount <  
500V

Width (Min):0.115

Capacitance Value: 0.020

Width (Max): 0.135

Cap Unit of Meas:  $\mu$ F

Part Weight (mg): 150.00

Tolerance:  $\pm$ 20%

Packaged Width (lb) Arm: None

Voltage: 50.0

Packaging: 7" Reel Embossed Tape

Dielectric Temp Coefficient: X7R

Packaging Qty: None

Termination: 6

Operating Temp Range: -55°C to +125°C

Marking: Special

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>

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