

# Johanson Part Number TFDR500G223MZGV001E

Johanson Part Number: TFDR500G223MZGV001E

Johanson Company: JDI

Legacy P/N: 500S43N223MV3E-BME

Size for Capacitors (EIA): 1812

Description: Capacitors Surface Mount BME < 500V, 1812, NP0/C0G cap, 50.0V, 0.02 $\mu$ F $\pm$ 20% cap, Ni/Sn (RoHS) cap, 7" Reel Embossed Tape cap

Specification Number: None

Life Cycle Stage: Ramp down (active , but not recommended for new designs)

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: Yes, RoHS 10/10

Standard Item: Yes

REACH: Yes

Lead Time Typical (Weeks)\*: 16

Country of Origin: US, MX, or CN

Length (Min): 0.165

Product Family: Capacitors

Length (Max): 0.185

Product Subfamily: Capacitors Surface Mount BME < 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: NP0/C0G

Packaging Qty: None

Termination: 68

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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