

# Johanson Part Number TDDR251W224M2GV002B

Johanson Part Number: TDDR251W224M2GV002B

Johanson Company: JDI

Legacy P/N: 251S43W224MV6+AQ

Size for Capacitors (EIA): 1812

Description: Capacitors Surface Mount PME < 500V, 1812, X7R, 250.0V, 0.22 $\mu$ F $\pm$ 20%, Ni/Sn (RoHS), Bulk, AEC Q200 Qualified

Specification Number: None

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

NCNR: No

AEC Q200 Qualified: Yes

Thickness (Max): 0.110

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): 0.189

Product Subfamily: Capacitors Surface Mount < 500V

Width (Min):0.115

Capacitance Value: 0.220

Width (Max): 0.135

Cap Unit of Meas:  $\mu$ F

Part Weight (mg): None

Tolerance:  $\pm$ 20%

Packaged Width (lb) Arm: None

Voltage: 250.0

Packaging: Bulk

Dielectric Temp Coefficient: X7R

Packaging Qty: None

Termination: 68

Operating Temp Range: -55°C to +125°C

Marking: EIA 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/high-voltage-mlc-capacitors>

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