

# Johanson Part Number TDDD201X224KZGV001B

Johanson Part Number: TDDD201X224KZGV001B

Johanson Company: JDI

Legacy P/N: 201R18X224KV3

Size for Capacitors (EIA): 1206

Description: Capacitors SMT, X5R, 1206, 200V, 0.22 $\mu$ F $\pm$ 10%, Ni/Sn (RoHS), Bulk

Specification Number: None

Life Cycle Stage: EOL

NCNR: No

AEC Q200 Qualified: No

Thickness (Max): 0.050

Schedule B: 8532.24.00.20

Thickness (Min): None

ITAR: No

End Band(Min): 0.01

ECCN: EAR99

End Band (max): 0.030

RoHS Compliance: Yes, RoHS 10/10

Standard Item: Yes

REACH: Yes

Lead Time Typical (Weeks)\*: 12

Country of Origin: US, MX, or CN

Length (Min): 0.115

Product Family: Capacitors

Length (Max): 0.135

Product Subfamily: Capacitors Surface Mount < 500V

Width (Min):0.052

Capacitance Value: 0.220

Width (Max): 0.072

Cap Unit of Meas:  $\mu$ F

Part Weight (mg): 40.00

Tolerance:  $\pm$ 10%

Packaged Width (lb) Arm: None

Voltage: 200.0

Packaging: Bulk

Dielectric Temp Coefficient: X5R

Packaging Qty: None

Termination: 68

Operating Temp Range: -55 $^{\circ}$ C to +85 $^{\circ}$ C

Marking: Special

Storage Temp Range (Packaged): -65 $^{\circ}$ C to +125 $^{\circ}$ C

Product Release Date: Jan. 4, 2006, 8 a.m.

Storage Temp Range (None Operating): +5 $^{\circ}$ C to +40 $^{\circ}$ 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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