

Johanson Part Number TDCP160X224KZGV001B

Johanson Part Number: TDCP160X224KZGV001B

Johanson Company: JDI

Legacy P/N: 160R14X224KV3

Size for Capacitors (EIA): 0603

Description: Capacitors SMT, X5R, 0603, 16V,
0.22 μ 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)*: 12

Country of Origin: US, MX, or CN

Length (Min): 0.055

Product Family: Capacitors

Length (Max): 0.071

Product Subfamily: Capacitors Surface Mount <
500V

Width (Min):0.024

Capacitance Value: 0.220

Width (Max): 0.040

Cap Unit of Meas: μ F

Part Weight (mg): 8.00

Tolerance: \pm 10%

Packaged Width (lb) Arm: None

Voltage: 16.0

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. 9, 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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